

<210> 59
 <211> 189
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2817268

<400> 59
 Met Ala Leu Leu Ser Arg Pro Ala Leu Thr Leu Leu Leu Leu Leu
 1 5 10 15
 Met Ala Ala Val Val Arg Cys Gln Glu Gln Ala Gln Thr Thr Asp
 20 25 30
 Trp Arg Ala Thr Leu Lys Thr Ile Arg Asn Gly Val His Lys Ile
 35 40 45
 Asp Thr Tyr Leu Asn Ala Ala Leu Asp Leu Leu Gly Gly Glu Asp
 50 55 60
 Gly Leu Cys Gln Tyr Lys Cys Ser Asp Gly Ser Lys Pro Phe Pro
 65 70 75
 Arg Tyr Gly Tyr Lys Pro Ser Pro Pro Asn Gly Cys Gly Ser Pro
 80 85 90
 Leu Phe Gly Val His Leu Asn Ile Gly Ile Pro Ser Leu Thr Lys
 95 100 105
 Cys Cys Asn Gln His Asp Arg Cys Tyr Glu Thr Cys Gly Lys Ser
 110 115 120
 Lys Asn Asp Cys Asp Glu Glu Phe Gln Tyr Cys Leu Ser Lys Ile
 125 130 135
 Cys Arg Asp Val Gln Lys Thr Leu Gly Leu Thr Gln His Val Gln
 140 145 150
 Ala Cys Glu Thr Thr Val Glu Leu Leu Phe Asp Ser Val Ile His
 155 160 165
 Leu Gly Cys Lys Pro Tyr Leu Asp Ser Gln Arg Ala Ala Cys Arg
 170 175 180
 Cys His Tyr Glu Glu Lys Thr Asp Leu
 185

<210> 60
 <211> 257
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2923165

<400> 60
 Met Thr Ala Ala Val Phe Phe Gly Cys Ala Phe Ile Ala Phe Gly
 1 5 10 15
 Pro Ala Leu Ala Leu Tyr Val Phe Thr Ile Ala Thr Glu Pro Leu
 20 25 30
 Arg Ile Ile Phe Leu Ile Ala Gly Ala Phe Phe Trp Leu Val Ser
 35 40 45

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Leu Leu Ile Ser Ser Leu Val Trp Phe Met Ala Arg Val Ile Ile
      50                      55                      60
Asp Asn Lys Asp Gly Pro Thr Gln Lys Tyr Leu Leu Ile Phe Gly
      65                      70                      75
Ala Phe Val Ser Val Tyr Ile Gln Glu Met Phe Arg Phe Ala Tyr
      80                      85                      90
Tyr Lys Leu Leu Lys Lys Ala Ser Glu Gly Leu Lys Ser Ile Asn
      95                      100                     105
Pro Gly Glu Thr Ala Pro Ser Met Arg Leu Leu Ala Tyr Val Ser
     110                     115                     120
Gly Leu Gly Phe Gly Ile Met Ser Gly Val Phe Ser Phe Val Asn
     125                     130                     135
Thr Leu Ser Asp Ser Leu Gly Pro Gly Thr Val Gly Ile His Gly
     140                     145                     150
Asp Ser Pro Gln Phe Phe Leu Tyr Ser Ala Phe Met Thr Leu Val
     155                     160                     165
Ile Ile Leu Leu His Val Phe Trp Gly Ile Val Phe Phe Asp Gly
     170                     175                     180
Cys Glu Lys Lys Lys Trp Gly Ile Leu Leu Ile Val Leu Leu Thr
     185                     190                     195
His Leu Leu Val Ser Ala Gln Thr Phe Ile Ser Ser Tyr Tyr Gly
     200                     205                     210
Ile Asn Leu Ala Ser Ala Phe Ile Ile Leu Val Leu Met Gly Thr
     215                     220                     225
Trp Ala Phe Leu Ala Ala Gly Gly Ser Cys Arg Ser Leu Lys Leu
     230                     235                     240
Cys Leu Leu Cys Gln Asp Lys Asn Phe Leu Leu Tyr Asn Gln Arg
     245                     250                     255
Ser Arg

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<210> 61

<211> 82

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2949822

<400> 61

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Met Pro Phe Ser Trp Met Val Ile Ile Leu Gly Phe Leu Cys Gly
  1          5          10          15
Leu Ser Gly Gln Leu Gln Ile Met Asn Thr Leu Ser Ser Leu Pro
      20          25          30
Ile Val Leu Leu Val Ser Ser Ser Cys Leu Ile Leu Ala Arg Met
      35          40          45
Ser Tyr Ser Ile Leu Thr Ser Ser Tyr Gly Gly Gly Val Phe Ile
      50          55          60
Leu Leu Asp Leu Lys Arg Asn Thr Ser Lys Val Ser Pro Leu Met
      65          70          75
Met Met Phe Ala Ile Gly His
      80

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<210> 62
 <211> 202
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2992192

<400> 62
 Met Ala Ala Pro Trp Arg Arg Trp Pro Thr Gly Leu Leu Ala Val
 1 5 10 15
 Leu Arg Pro Leu Leu Thr Cys Arg Pro Leu Gln Gly Thr Thr Leu
 20 25 30
 Gln Arg Asp Val Leu Leu Phe Glu His Asp Arg Gly Arg Phe Phe
 35 40 45
 Thr Ile Leu Gly Leu Phe Cys Ala Gly Gln Gly Val Phe Trp Ala
 50 55 60
 Ser Met Ala Val Ala Ala Val Ser Arg Pro Pro Val Pro Val Gln
 65 70 75
 Pro Leu Asp Ala Glu Val Pro Asn Arg Gly Pro Phe Asp Leu Arg
 80 85 90
 Ser Ala Leu Trp Arg Tyr Gly Leu Ala Val Gly Cys Gly Ala Ile
 95 100 105
 Gly Ala Leu Val Leu Gly Ala Gly Leu Leu Phe Ser Leu Arg Ser
 110 115 120
 Val Arg Ser Val Val Leu Arg Ala Gly Gly Gln Gln Val Thr Leu
 125 130 135
 Thr Thr His Ala Pro Phe Gly Leu Gly Ala His Phe Thr Val Pro
 140 145 150
 Leu Lys Gln Val Ser Cys Met Ala His Arg Gly Glu Val Pro Ala
 155 160 165
 Met Leu Pro Leu Lys Val Lys Gly Arg Arg Phe Tyr Phe Leu Leu
 170 175 180
 Asp Lys Thr Gly His Phe Pro Asn Thr Lys Leu Phe Asp Asn Thr
 185 190 195
 Val Gly Ala Tyr Arg Ser Leu
 200

<210> 63
 <211> 450
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2992458

<400> 63
 Met Leu Val Thr Ala Tyr Leu Ala Phe Val Gly Leu Leu Ala Ser
 1 5 10 15
 Cys Leu Gly Leu Glu Leu Ser Arg Cys Arg Ala Lys Pro Pro Gly
 20 25 30

Arg	Ala	Cys	Ser	Asn	Pro	Ser	Phe	Leu	Arg	Phe	Gln	Leu	Asp	Phe	
				35					40					45	
Tyr	Gln	Val	Tyr	Phe	Leu	Ala	Leu	Ala	Ala	Asp	Trp	Leu	Gln	Ala	
				50					55					60	
Pro	Tyr	Leu	Tyr	Lys	Leu	Tyr	Gln	His	Tyr	Tyr	Phe	Leu	Glu	Gly	
				65					70					75	
Gln	Ile	Ala	Ile	Leu	Tyr	Val	Cys	Gly	Leu	Ala	Ser	Thr	Val	Leu	
				80					85					90	
Phe	Gly	Leu	Val	Ala	Ser	Ser	Leu	Val	Asp	Trp	Leu	Gly	Arg	Lys	
				95					100					105	
Asn	Ser	Cys	Val	Leu	Phe	Ser	Leu	Thr	Tyr	Ser	Leu	Cys	Cys	Leu	
				110					115					120	
Thr	Lys	Leu	Ser	Gln	Asp	Tyr	Phe	Val	Leu	Leu	Val	Gly	Arg	Ala	
				125					130					135	
Leu	Gly	Gly	Leu	Ser	Thr	Ala	Leu	Leu	Phe	Ser	Ala	Phe	Glu	Ala	
				140					145					150	
Trp	Tyr	Ile	His	Glu	His	Val	Glu	Arg	His	Asp	Phe	Pro	Ala	Glu	
				155					160					165	
Trp	Ile	Pro	Ala	Thr	Phe	Ala	Arg	Ala	Ala	Phe	Trp	Asn	His	Val	
				170					175					180	
Leu	Ala	Val	Val	Ala	Gly	Val	Ala	Ala	Glu	Ala	Val	Ala	Ser	Trp	
				185					190					195	
Ile	Gly	Leu	Gly	Pro	Val	Ala	Pro	Phe	Val	Ala	Ala	Ile	Pro	Leu	
				200					205					210	
Leu	Ala	Leu	Ala	Gly	Ala	Leu	Ala	Leu	Arg	Asn	Trp	Gly	Glu	Asn	
				215					220					225	
Tyr	Asp	Arg	Gln	Arg	Ala	Phe	Ser	Arg	Thr	Cys	Ala	Gly	Gly	Leu	
				230					235					240	
Arg	Cys	Leu	Leu	Ser	Asp	Arg	Arg	Val	Leu	Leu	Leu	Gly	Thr	Ile	
				245					250					255	
Gln	Ala	Leu	Phe	Glu	Ser	Val	Ile	Phe	Ile	Phe	Val	Phe	Leu	Trp	
				260					265					270	
Thr	Pro	Val	Leu	Asp	Pro	His	Gly	Ala	Pro	Leu	Gly	Ile	Ile	Phe	
				275					280					285	
Ser	Ser	Phe	Met	Ala	Ala	Ser	Leu	Leu	Gly	Ser	Ser	Leu	Tyr	Arg	
				290					295					300	
Ile	Ala	Thr	Ser	Lys	Arg	Tyr	His	Leu	Gln	Pro	Met	His	Leu	Leu	
				305					310					315	
Ser	Leu	Ala	Val	Leu	Ile	Val	Val	Phe	Ser	Leu	Phe	Met	Leu	Thr	
				320					325					330	
Phe	Ser	Thr	Ser	Pro	Gly	Gln	Glu	Ser	Pro	Val	Glu	Ser	Phe	Ile	
				335					340					345	
Ala	Phe	Leu	Leu	Ile	Glu	Leu	Ala	Cys	Gly	Leu	Tyr	Phe	Pro	Ser	
				350					355					360	
Met	Ser	Phe	Leu	Arg	Arg	Lys	Val	Ile	Pro	Glu	Thr	Glu	Gln	Ala	
				365					370					375	
Gly	Val	Leu	Asn	Trp	Phe	Arg	Val	Pro	Leu	His	Ser	Leu	Ala	Cys	
				380					385					390	
Leu	Gly	Leu	Leu	Val	Leu	His	Asp	Ser	Asp	Arg	Lys	Thr	Gly	Thr	
				395					400					405	
Arg	Asn	Met	Phe	Ser	Ile	Cys	Ser	Ala	Val	Met	Val	Met	Ala	Leu	
				410					415					420	
Leu	Ala	Val	Val	Gly	Leu	Phe	Thr	Val	Val	Arg	His	Asp	Ala	Glu	
				425					430					435	
Leu	Arg	Val	Pro	Ser	Pro	Thr	Glu	Glu	Pro	Tyr	Ala	Pro	Glu	Leu	
				440					445					450	

<210> 64
 <211> 322
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 3044710

<400> 64

Met	Ala	Arg	Cys	Phe	Ser	Leu	Val	Leu	Leu	Leu	Thr	Ser	Ile	Trp
1			5						10					15
Thr	Thr	Arg	Leu	Leu	Val	Gln	Gly	Ser	Leu	Arg	Ala	Glu	Glu	Leu
			20						25					30
Ser	Ile	Gln	Val	Ser	Cys	Arg	Ile	Met	Gly	Ile	Thr	Leu	Val	Ser
			35						40					45
Lys	Lys	Ala	Asn	Gln	Gln	Leu	Asn	Phe	Thr	Glu	Ala	Lys	Glu	Ala
			50						55					60
Cys	Arg	Leu	Leu	Gly	Leu	Ser	Leu	Ala	Gly	Lys	Asp	Gln	Val	Glu
			65						70					75
Thr	Ala	Leu	Lys	Ala	Ser	Phe	Glu	Thr	Cys	Ser	Tyr	Gly	Trp	Val
			80						85					90
Gly	Asp	Gly	Phe	Val	Val	Ile	Ser	Arg	Ile	Ser	Pro	Asn	Pro	Lys
			95						100					105
Cys	Gly	Lys	Asn	Gly	Val	Gly	Val	Leu	Ile	Trp	Lys	Val	Pro	Val
			110						115					120
Ser	Arg	Gln	Phe	Ala	Ala	Tyr	Cys	Tyr	Asn	Ser	Ser	Asp	Thr	Trp
			125						130					135
Thr	Asn	Ser	Cys	Ile	Pro	Glu	Ile	Ile	Thr	Thr	Lys	Asp	Pro	Ile
			140						145					150
Phe	Asn	Thr	Gln	Thr	Ala	Thr	Gln	Thr	Thr	Glu	Phe	Ile	Val	Ser
			155						160					165
Asp	Ser	Thr	Tyr	Ser	Val	Ala	Ser	Pro	Tyr	Ser	Thr	Ile	Pro	Ala
			170						175					180
Pro	Thr	Thr	Thr	Pro	Pro	Ala	Pro	Ala	Ser	Thr	Ser	Ile	Pro	Arg
			185						190					195
Arg	Lys	Lys	Leu	Ile	Cys	Val	Thr	Glu	Val	Phe	Met	Glu	Thr	Ser
			200						205					210
Thr	Met	Ser	Thr	Glu	Thr	Glu	Pro	Phe	Val	Glu	Asn	Lys	Ala	Ala
			215						220					225
Phe	Lys	Asn	Glu	Ala	Ala	Gly	Phe	Gly	Gly	Val	Pro	Thr	Ala	Leu
			230						235					240
Leu	Val	Leu	Ala	Leu	Leu	Phe	Phe	Gly	Ala	Ala	Ala	Gly	Leu	Gly
			245						250					255
Phe	Cys	Tyr	Val	Lys	Arg	Tyr	Val	Lys	Ala	Phe	Pro	Phe	Thr	Asn
			260						265					270
Lys	Asn	Gln	Gln	Lys	Glu	Met	Ile	Glu	Thr	Lys	Val	Val	Lys	Glu
			275						280					285
Glu	Lys	Ala	Asn	Asp	Ser	Asn	Pro	Asn	Glu	Glu	Ser	Lys	Lys	Thr
			290						295					300
Asp	Lys	Asn	Pro	Glu	Glu	Ser	Lys	Ser	Pro	Ser	Lys	Thr	Thr	Val
			305						310					315
Arg	Cys	Leu	Glu	Ala	Glu	Val								
														320

<210> 65
 <211> 104
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 3120415

<400> 65
 Met Lys Leu Ala Ala Leu Leu Gly Leu Cys Val Ala Leu Ser Cys
 1 5 10 15
 Ser Ser Ala Ala Ala Phe Leu Val Gly Ser Ala Lys Pro Val Ala
 20 25 30
 Gln Pro Val Ala Ala Leu Glu Ser Ala Ala Glu Ala Gly Ala Gly
 35 40 45
 Thr Leu Ala Asn Pro Leu Gly Thr Leu Asn Pro Leu Lys Leu Leu
 50 55 60
 Leu Ser Ser Leu Gly Ile Pro Val Asn His Leu Ile Glu Gly Ser
 65 70 75
 Gln Lys Cys Val Ala Glu Leu Gly Pro Gln Ala Val Gly Ala Val
 80 85 90
 Lys Ala Leu Lys Ala Leu Leu Gly Ala Leu Thr Val Phe Gly
 95 100

<210> 66
 <211> 93
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 126758

<400> 66
 Met Lys Leu Val Thr Ile Phe Leu Leu Val Thr Ile Ser Leu Cys
 1 5 10 15
 Ser Tyr Ser Ala Thr Ala Phe Leu Ile Asn Lys Val Pro Leu Pro
 20 25 30
 Val Asp Lys Leu Ala Pro Leu Pro Leu Asp Asn Ile Leu Pro Phe
 35 40 45
 Met Asp Pro Leu Lys Leu Leu Leu Lys Thr Leu Gly Ile Ser Val
 50 55 60
 Glu His Leu Val Glu Gly Leu Arg Lys Cys Val Asn Glu Leu Gly
 65 70 75
 Pro Glu Ala Ser Glu Ala Val Lys Lys Leu Leu Glu Ala Leu Ser
 80 85 90
 His Leu Val

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<220>
<221> misc_feature
<223> Incyte Clone No: 674760
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<210> 68
<211> 394
<212> PRT
<213> Homo sapiens
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<220>
<221> misc_feature
<223> Incyte Clone No: 1229438
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<400>	68																		
Met	Lys	Arg	Gln	Asn	Val	Arg	Thr	Leu	Ala	Leu	Ile	Val	Cys	Thr					
1				5					10					15					
Phe	Thr	Tyr	Leu	Leu	Val	Gly	Ala	Ala	Val	Phe	Asp	Ala	Leu	Glu					
				20					25					30					
Ser	Glu	Pro	Glu	Leu	Ile	Glu	Arg	Gln	Arg	Leu	Glu	Leu	Arg	Gln					
				35					40					45					
Gln	Glu	Leu	Arg	Ala	Arg	Tyr	Asn	Leu	Ser	Gln	Gly	Gly	Tyr	Glu					
				50					55					60					
Glu	Leu	Glu	Arg	Val	Val	Leu	Arg	Leu	Lys	Pro	His	Lys	Ala	Gly					
				65					70					75					
Val	Gln	Trp	Arg	Phe	Ala	Gly	Ser	Phe	Tyr	Phe	Ala	Ile	Thr	Val					
				80					85					90					
Ile	Thr	Thr	Ile	Gly	Tyr	Gly	His	Ala	Ala	Pro	Ser	Thr	Asp	Gly					
				95					100					105					
Gly	Lys	Val	Phe	Cys	Met	Phe	Tyr	Ala	Leu	Leu	Gly	Ile	Pro	Leu					
				110					115					120					
Thr	Leu	Val	Met	Phe	Gln	Ser	Leu	Gly	Glu	Arg	Ile	Asn	Thr	Leu					
				125					130					135					
Val	Arg	Tyr	Leu	Leu	His	Arg	Ala	Lys	Lys	Gly	Leu	Gly	Met	Arg					
				140					145					150					
Arg	Ala	Asp	Val	Ser	Met	Ala	Asn	Met	Val	Leu	Ile	Gly	Phe	Phe					
				155					160					165					
Ser	Cys	Ile	Ser	Thr	Leu	Cys	Ile	Gly	Ala	Ala	Ala	Phe	Ser	His					

	170		175		180
Tyr Glu His Trp	Thr Phe Phe Gln Ala	Tyr Tyr Tyr Cys Phe	Ile		
	185		190		195
Thr Leu Thr Thr	Ile Gly Phe Gly Asp	Tyr Val Ala Leu Gln	Lys		
	200		205		210
Asp Gln Ala Leu	Gln Thr Gln Pro Gln	Tyr Val Ala Phe Ser	Phe		
	215		220		225
Val Tyr Ile Leu	Thr Gly Leu Thr Val	Ile Gly Ala Phe Leu	Asn		
	230		235		240
Leu Val Val Leu	Arg Phe Met Thr Met	Asn Ala Glu Asp Glu	Lys		
	245		250		255
Arg Asp Ala Glu	His Arg Ala Leu Leu	Thr Arg Asn Gly Gln	Ala		
	260		265		270
Gly Gly Gly Gly	Gly Gly Gly Ser Ala	His Thr Thr Asp Thr	Ala		
	275		280		285
Ser Ser Thr Ala	Ala Ala Gly Gly Gly	Gly Phe Arg Asn Val	Tyr		
	290		295		300
Ala Glu Val Leu	His Phe Gln Ser Met	Cys Ser Cys Leu Trp	Tyr		
	305		310		315
Lys Ser Arg Glu	Lys Leu Gln Tyr Ser	Ile Pro Met Ile Ile	Pro		
	320		325		330
Arg Asp Leu Ser	Thr Ser Asp Thr Cys	Val Glu Gln Ser His	Ser		
	335		340		345
Ser Pro Gly Gly	Gly Gly Arg Tyr Ser	Asp Thr Pro Ser Arg	Arg		
	350		355		360
Cys Leu Cys Ser	Gly Ala Pro Arg Ser	Ala Ile Ser Ser Val	Ser		
	365		370		375
Thr Gly Leu His	Ser Leu Ser Thr Phe	Arg Gly Leu Met Lys	Arg		
	380		385		390
Arg Ser Ser Val					

<210> 69

<211> 72

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1236935

<400> 69

Met Cys Pro Phe	Phe Pro Leu Thr	Ser Leu Ile Val	Phe Leu Ile
1	5	10	15
Leu Phe Phe Lys	Thr Ile Ala Ser	Ser Gly Ser Gly	Gly Ser Cys
	20	25	30
Leu Gly Leu Pro	Lys Cys Trp Asp	Tyr Arg Arg Glu	His Arg Ala
	35	40	45
Arg Pro Thr Ile	Val Phe Ser Lys	His Val Tyr Thr	Tyr Ser Met
	50	55	60
Arg Met Gln Ile	Glu Ile Ser Thr	Asn Ile Ser Gln	
	65	70	

<210> 70
<211> 71
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 1359283

<400> 70
Met Arg Leu Thr Gly Leu Thr Leu Leu Leu Ser Leu Met Glu Ser
1 5 10 15
Leu Gly Gln Val Glu Asp Arg Phe Phe Ser Thr His Arg Arg Phe
20 25 30
Pro His His Thr Pro Ile Ser Gly Leu Leu Cys Arg Glu Phe Ser
35 40 45
Leu Pro Lys Arg Ser Gly Val Pro Trp Thr Arg Val Leu Ile Ser
50 55 60
Cys Ile Trp Arg Ser Gly Ala Gly Lys Arg Met
65 70

<210> 71
<211> 247
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 1450703

<400> 71
Met His Leu Ala Arg Leu Val Gly Ser Cys Ser Leu Leu Leu Leu
1 5 10 15
Leu Gly Ala Leu Ser Gly Trp Ala Ala Ser Asp Asp Pro Ile Glu
20 25 30
Lys Val Ile Glu Gly Ile Asn Arg Gly Leu Ser Asn Ala Glu Arg
35 40 45
Glu Val Gly Lys Ala Leu Asp Gly Ile Asn Ser Gly Ile Thr His
50 55 60
Ala Gly Arg Glu Val Glu Lys Val Phe Asn Gly Leu Ser Asn Met
65 70 75
Gly Ser His Thr Gly Lys Glu Leu Asp Lys Gly Val Gln Gly Leu
80 85 90
Asn His Gly Met Asp Lys Val Ala His Glu Ile Asn His Gly Ile
95 100 105
Gly Gln Ala Gly Lys Glu Ala Glu Lys Leu Gly His Gly Val Asn
110 115 120
Asn Ala Ala Gly Gln Ala Gly Lys Glu Ala Asp Lys Ala Val Gln
125 130 135
Gly Phe His Thr Gly Val His Gln Ala Gly Lys Glu Ala Glu Lys
140 145 150
Leu Gly Gln Gly Val Asn His Ala Ala Asp Gln Ala Gly Lys Glu
155 160 165
Val Glu Lys Leu Gly Gln Gly Ala His His Ala Ala Gly Gln Ala

	170		175		180
Gly Lys Glu Leu	Gln Asn Ala His Asn Gly Val Asn Gln Ala Ser				
	185		190		195
Lys Glu Ala Asn	Gln Leu Leu Asn Gly Asn His Gln Ser Gly Ser				
	200		205		210
Ser Ser His Gln	Gly Gly Ala Thr Thr Thr Pro Leu Ala Ser Gly				
	215		220		225
Ala Ser Val Asn	Thr Pro Phe Ile Asn Leu Pro Ala Leu Trp Arg				
	230		235		240
Ser Val Ala Asn	Ile Met Pro				
	245				

<210> 72

<211> 73

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1910668

<400> 72

Met Thr Cys Trp Met Leu Pro Pro Ile Ser Phe Leu Ser Tyr Leu		
1	5	10
Pro Leu Trp Leu Gly Pro Ile Trp Pro Cys Ser Gly Ser Thr Leu		15
	20	25
Gly Lys Pro Asp Pro Gly Val Trp Pro Ser Leu Phe Arg Pro Trp		30
	35	40
Asp Ala Ala Ser Pro Gly Asn Tyr Ala Leu Ser Arg Gly Glu Asn		45
	50	55
Gln Tyr Glu Lys Trp Gly Gln Gly Thr His Ser Ser Leu		60
	65	70

<210> 73

<211> 70

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1955143

<400> 73

Met Gly Arg Leu Arg Tyr Phe Phe Ser Leu Leu Leu Arg Trp		
1	5	10
Gly Gln Leu Leu Gly Ala Asp Glu Phe Cys Cys His Lys Ser Tyr		15
	20	25
Ile Ala His Leu Val Cys Thr Glu Ser Ala Ile Leu Asn Pro Gly		30
	35	40
His Ala Leu Glu Leu Tyr Lys Lys Asn Leu Gln Val Ser Ile Leu		45
	50	55
		60

Ser Pro Tyr Pro Thr Asp Pro Ile His Leu
65 70

<210> 74
<211> 67
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 1961637

<400> 74
Met Met Phe Thr Ser Leu Ser Leu Ala Leu Pro Phe Leu Leu Gln
1 5 10 15
Thr Met Leu Cys Leu Arg Ala Leu Leu Ile Ala Val Pro His Gly
20 25 30
His Asp Trp Asn Arg Asp Ala Thr Ser Phe Tyr Thr Ser Thr Val
35 40 45
Ser Trp Val Lys Ser Phe Phe Leu Phe Val Leu Asp Gly Val Ser
50 55 60
Leu Leu Leu Pro Arg Leu Glu
65

<210> 75
<211> 91
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 1990762

<400> 75
Met Trp Pro Thr Thr Trp Ala Trp Ser Trp Val Gln Thr Leu Thr
1 5 10 15
Leu Ala Leu Leu Ile Ser Cys Val Thr Leu Gly Gln Leu Ile Thr
20 25 30
Thr Leu Gln Val Ser Phe Leu Ile Cys Glu Met Asp Val Ile Ile
35 40 45
Gly Cys Asp Glu Met Ile Pro Ser Glu Ser Leu Val Leu Leu Trp
50 55 60
Pro Pro Pro Leu Leu Leu Leu Gly Glu Phe Trp Ile Trp Asn Pro
65 70 75
Val Ser Arg Ile Leu Phe Trp Leu Cys His Val Pro Ala Gly Gln
80 85 90
Leu

<210> 76
 <211> 56
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 1994131

<400> 76
 Met Asn Glu Trp Trp Leu Leu Leu Leu Leu His Leu His Pro Pro
 1 5 10 15
 Arg Val Ile Ser Pro Phe Trp Phe Ile Val Ser Val Leu Thr Ala
 20 25 30
 Cys Asp Asn Arg Lys Tyr Ile Leu Leu Arg Thr Val Pro Val Phe
 35 40 45
 Ser Phe Pro Glu Asn Thr Tyr Phe Asp Val Gly
 50 55

<210> 77
 <211> 112
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 1997745

<400> 77
 Met Pro Leu Phe Leu Ser Ile Pro Ser Leu Phe Leu Thr Leu Ser
 1 5 10 15
 Gly Leu Gly Leu Ala Val Gln Ser Pro Ala Gly Gly Cys Trp Gly
 20 25 30
 Leu Ser Leu Cys Arg His Cys Val Phe Leu Arg Gly Cys Pro Gln
 35 40 45
 Asn Thr Pro Pro Ala Pro Trp Gly Ser Ser Gly Ser His Phe Ser
 50 55 60
 Trp Ser Leu Arg Ser Gln Lys Gln Leu Leu Gln Glu Ala Lys Lys
 65 70 75
 Arg Leu Gly Trp Leu Leu Val Leu Met Met Ala Phe Ile Leu Leu
 80 85 90
 Gly His Phe Gly Tyr Ile His Gly His Cys Phe His Leu Ser Phe
 95 100 105
 Leu Pro Val Pro Pro Leu Pro
 110

<210> 78
 <211> 54
 <212> PRT
 <213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 2009035

<400> 78
Met Met Leu Gln Pro Val Asp Leu Leu Gln Ser Tyr Leu Leu Leu
1 5 10 15
Leu Tyr Cys Trp Ser Phe Ser Leu Leu Phe Thr Leu Leu Cys Asn
20 25 30
Ala Val Arg Asn Asp Phe Phe His Lys Leu Phe Ser Ile Tyr Trp
35 40 45
Met Tyr Asn Leu Thr His Ser Lys His
50

<210> 79
<211> 57
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 2009152

<400> 79
Met Lys Phe Tyr Ala Val Leu Leu Ser Ile Cys Leu Leu Leu Ser
1 5 10 15
Cys Trp Cys Ala Cys His Val Arg Asp Cys Asn Leu Ile Cys Leu
20 25 30
Phe Ser Thr Val Lys Ala Ile Thr Arg Glu Leu Leu Gln Leu Pro
35 40 45
Ser Tyr Val Lys Arg Phe Phe Phe Asn Ser Leu Arg
50 55

<210> 80
<211> 52
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 2061752

<400> 80
Met Gln Arg Leu Gly Lys Ala Pro Gly Thr Trp Gln Ala Ile Ser
1 5 10 15
Lys Cys Trp Leu Leu Leu Leu Leu Ser Leu Pro Phe Ser Gln Ser
20 25 30
Ile Ile Ile Ser Leu Arg Ala Gly Thr Met Ser Tyr Leu Pro Leu
35 40 45
Tyr Phe Pro Gln Tyr Phe Pro
50

<210> 81
<211> 64
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 2061933

<400> 81
Met Lys Leu Leu Leu Lys Leu Asp Phe Phe Ile Leu Leu Gly
1 5 10 15
Ser Glu Glu Ser Arg Cys Leu Val Asp Val Gln Tyr Val Ile Phe
20 25 30
Phe Leu Ile Glu Cys Val His Leu Lys Ser Ser Leu Thr Phe Leu
35 40 45
Glu Arg Leu Leu Ser Ile Asn Asn Gly Ile Leu Glu Glu Lys Trp
50 55 60
Phe Phe Lys Ser

<210> 82
<211> 65
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 2081422

<400> 82
Met Lys Pro Leu Ile Pro Phe Leu Ser Pro Pro Pro Leu Leu Pro
1 5 10 15
Leu Thr Phe Phe Leu Ser Ser Leu Leu Leu Ser Pro Leu Cys Arg
20 25 30
Ala Leu Gly Thr Ser Gln Ala Val Pro Pro Leu Arg Ala Leu Ser
35 40 45
Val Thr Asp Ala His Gly Ser Leu Leu Leu His Pro Lys Thr Leu
50 55 60
Ala Cys Pro Cys Leu
65

<210> 83
<211> 56
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature

<223> Incyte Clone No: 2101278

<400> 83

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Met Arg Ala Asp Arg Leu Leu Pro Ile Ser Ala Leu Cys Leu Leu
 1           5           10           15
Tyr Thr Pro Gly Gly Ala Leu Glu Pro Ala Gln Val Gly Tyr Thr
           20           25           30
Ile Phe Leu Asn Ser Ile Trp Leu Pro Ala Tyr Phe Phe His Leu
           35           40           45
Phe Thr Val Ile Ser Gly Val Phe Leu Phe Ile
           50           55

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<210> 84

<211> 120

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2121353

<400> 84

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Met Pro Ala Leu Pro Pro Gly Phe Ser Gln Ala Gly Ser Cys Val
 1           5           10           15
Pro Thr Gly Ser Ser Leu Val Leu Cys Leu Leu Ala Ala Ser Leu
           20           25           30
Leu Leu Phe Val Pro Thr Leu Ala Leu Leu Thr Gly Ala Thr Thr
           35           40           45
Cys Trp Cys Leu His Asn Lys Arg Leu Ala Leu Arg Pro Leu Ala
           50           55           60
Trp Gln Gly Leu Trp Gly Leu Val Ser Thr Arg Leu Ser His Gly
           65           70           75
Arg Thr Ser Phe Tyr Phe Asn Ser Leu Pro Leu Gln Thr Asn Ser
           80           85           90
Ser Thr Cys Gln Asn His Ser Trp Asp Ser Gly Ala Arg Ala Thr
           95          100          105
Ala Leu Ala Ser Gly Arg Thr Gln Glu Gly Gly Val Gly Ser Val
          110          115          120

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<210> 85

<211> 67

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2241736

<400> 85

```

Met Asn Ser Leu Val Leu Phe Leu Gly His Leu Gly Leu Leu Ile
 1           5           10           15

```

Lys Asp Cys Val Leu Leu Phe Ala Met Ser Lys Val Ser Gln Lys
 20 25 30
 Gln Lys Val Leu Gly Pro Phe Gly Ser Pro Glu Leu Glu Ser Leu
 35 40 45
 Gly Ile Gly Pro Arg Tyr Leu His Phe His Arg Phe Leu Val Gly
 50 55 60
 Asp Phe Leu Gln Ala Lys Val
 65

<210> 86
 <211> 62
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2271935

<400> 86
 Met Ala Trp Leu Ser Phe Ala Ala Val Glu Met Thr Leu Leu Leu
 1 5 10 15
 His Ser Ser Ser Leu Leu Ser Phe Ala Lys Val Val Leu Ser Leu
 20 25 30
 Pro Glu Ile Arg Pro Phe Gly Asp Gly Asn Phe Ser Leu Lys Gln
 35 40 45
 Ser Ser Lys Gln Asn Pro Asn Pro Ala Arg Val Gly Arg Lys Ser
 50 55 60
 Met Phe

<210> 87
 <211> 75
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2295344

<400> 87
 Met Met Ile Leu Leu Ser Leu Leu Val Ala Leu Ile Ser Val Ser
 1 5 10 15
 Leu Val Phe Leu Gly Leu Val Arg Phe Ser Arg Glu Asp Phe Ser
 20 25 30
 Phe Pro Leu Trp Arg Glu Lys Ala Phe Tyr Gln His Ser Ser Ser
 35 40 45
 Ser Val Gly Glu Arg Leu Gln Ala Leu Arg Lys His Ala Phe Thr
 50 55 60
 Leu Phe Gly Thr Ile Pro Leu Leu Val Thr Val Pro Gln Val Pro
 65 70 75

<210> 88
<211> 80
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 2303994

<400> 88
Met Asn Ser Ile Phe Phe Leu Ser Leu Cys Leu Pro Leu Trp Val
1 5 10 15
Ser Leu Leu Trp Ala Lys Pro Leu Glu Met His Lys Thr Ser Arg
20 25 30
His Gly Phe Trp Gln Lys Leu His Asp Phe Lys Leu Ala Leu Leu
35 40 45
Leu Leu Thr Phe His Arg Glu Lys Ile Phe Pro Leu Lys Lys Thr
50 55 60
Gly Leu Val Ile Phe Ser Leu Val Ala Leu Ser Arg Asp Ile Ser
65 70 75
Ala Leu His Tyr Thr
80

<210> 89
<211> 50
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 2497805

<400> 89
Met Arg Pro Ala Arg Leu Gly Pro Arg Cys Ser Asp Leu Asp Phe
1 5 10 15
Gly Leu Val Leu Ser Ser Trp Leu Arg Leu Ala Arg Cys Pro Leu
20 25 30
Glu Ser Ser Phe Gly Phe Ala Phe Phe Val Cys Leu Phe Ser Pro
35 40 45
Asn Phe Cys Gln Thr
50

<210> 90
<211> 116
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 2646362

<400> 90

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Met Trp Trp Ala Leu Cys Ser Met Leu Pro Leu Leu Gly Cys Ala
 1           5           10           15
Cys Ser Ser Gly Cys Trp Gly Ser Gly Pro Thr Pro Leu Leu Ala
           20           25           30
Glu Pro Thr Phe Leu Cys Val Ser Ser Arg Pro His Asn Pro Leu
           35           40           45
Ser Phe Leu Ser Val Leu Pro Cys Ser Arg Gly Pro Gly Pro Ser
           50           55           60
Gly Leu Gln Gly Asp Gly Ala Gly Leu Pro Ala His Leu Gly Pro
           65           70           75
Leu Ser Cys Ile Cys Leu Pro Ser Leu Leu Cys Asp Leu Gly Glu
           80           85           90
Arg Gln Cys Pro Leu Trp Ala Val Arg Ser Thr Gln Cys Leu Ile
           95          100          105
Ala Gly Lys Lys Val Leu Gln Arg Leu Cys Pro
           110          115

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<210> 91

<211> 67

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2657146

<400> 91

```

Met Ile Cys Gln Cys Leu Arg Leu Leu Leu Val Leu Val Thr Leu
 1           5           10           15
Leu Ile Cys Phe Ser Pro Asp Arg Leu Thr Cys Pro Leu Asn Ser
           20           25           30
Ala Val Val Leu Ala Ser Tyr Ala Val Gln Cys Lys Ser Gln Arg
           35           40           45
Glu His Phe Thr Asp Gly Gln Val Val Leu Ile Ser Val Trp Arg
           50           55           60
Lys Ser Leu Val Pro Pro Ala
           65

```

<210> 92

<211> 538

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2755786

<400> 92

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Met Ala Gly Ala Arg Ala Ala Ala Ala Ala Ala Ser Ala Gly Ser
 1           5           10           15

```

Ser	Ala	Ser	Ser	Gly	Asn	Gln	Pro	Pro	Gln	Glu	Leu	Gly	Leu	Gly
				20					25					30
Glu	Leu	Leu	Glu	Glu	Phe	Ser	Arg	Thr	Gln	Tyr	Arg	Ala	Lys	Asp
				35					40					45
Gly	Ser	Gly	Thr	Gly	Gly	Ser	Lys	Val	Glu	Arg	Ile	Glu	Lys	Arg
				50					55					60
Cys	Leu	Glu	Leu	Phe	Gly	Arg	Asp	Tyr	Cys	Phe	Ser	Val	Ile	Pro
				65					70					75
Asn	Thr	Asn	Gly	Asp	Ile	Cys	Gly	His	Tyr	Pro	Arg	His	Ile	Val
				80					85					90
Phe	Leu	Glu	Tyr	Glu	Ser	Ser	Glu	Lys	Glu	Lys	Asp	Thr	Phe	Glu
				95					100					105
Ser	Thr	Val	Gln	Val	Ser	Lys	Leu	Gln	Asp	Leu	Ile	His	Arg	Ser
				110					115					120
Lys	Met	Ala	Arg	Cys	Arg	Gly	Arg	Phe	Val	Cys	Pro	Val	Ile	Leu
				125					130					135
Phe	Lys	Gly	Lys	His	Ile	Cys	Arg	Ser	Ala	Thr	Leu	Ala	Gly	Trp
				140					145					150
Gly	Glu	Leu	Tyr	Gly	Arg	Ser	Gly	Tyr	Asn	Tyr	Phe	Phe	Ser	Gly
				155					160					165
Gly	Ala	Asp	Asp	Ala	Trp	Ala	Asp	Val	Glu	Asp	Val	Thr	Glu	Glu
				170					175					180
Asp	Cys	Ala	Leu	Arg	Ser	Gly	Asp	Thr	His	Leu	Phe	Asp	Lys	Val
				185					190					195
Arg	Gly	Tyr	Asp	Ile	Lys	Leu	Leu	Arg	Tyr	Leu	Ser	Val	Lys	Tyr
				200					205					210
Ile	Cys	Asp	Leu	Met	Val	Glu	Asn	Lys	Lys	Val	Lys	Phe	Gly	Met
				215					220					225
Asn	Val	Thr	Ser	Ser	Glu	Lys	Val	Asp	Lys	Ala	Gln	Arg	Tyr	Ala
				230					235					240
Asp	Phe	Thr	Leu	Leu	Ser	Ile	Pro	Tyr	Pro	Gly	Cys	Glu	Phe	Phe
				245					250					255
Lys	Glu	Tyr	Lys	Asp	Arg	Asp	Tyr	Met	Ala	Glu	Gly	Leu	Ile	Phe
				260					265					270
Asn	Trp	Lys	Gln	Asp	Tyr	Val	Asp	Ala	Pro	Leu	Ser	Ile	Pro	Asp
				275					280					285
Phe	Leu	Thr	His	Ser	Leu	Asn	Ile	Asp	Trp	Ser	Gln	Tyr	Gln	Cys
				290					295					300
Trp	Asp	Leu	Val	Gln	Gln	Thr	Gln	Asn	Tyr	Leu	Lys	Leu	Leu	Leu
				305					310					315
Ser	Leu	Val	Asn	Ser	Asp	Asp	Asp	Ser	Gly	Leu	Leu	Val	His	Cys
				320					325					330
Ile	Ser	Gly	Trp	Asp	Arg	Thr	Pro	Leu	Phe	Ile	Ser	Leu	Leu	Arg
				335					340					345
Leu	Ser	Leu	Trp	Ala	Asp	Gly	Leu	Ile	His	Thr	Ser	Leu	Lys	Pro
				350					355					360
Thr	Glu	Ile	Leu	Tyr	Leu	Thr	Val	Ala	Tyr	Asp	Trp	Phe	Leu	Phe
				365					370					375
Gly	His	Met	Leu	Val	Asp	Arg	Leu	Ser	Lys	Gly	Glu	Glu	Ile	Phe
				380					385					390
Phe	Phe	Cys	Phe	Asn	Phe	Leu	Lys	His	Ile	Thr	Ser	Glu	Glu	Phe
				395					400					405
Ser	Ala	Leu	Lys	Thr	Gln	Arg	Arg	Lys	Ser	Leu	Pro	Ala	Arg	Asp
				410					415					420
Gly	Gly	Phe	Thr	Leu	Glu	Asp	Ile	Cys	Met	Leu	Arg	Arg	Lys	Asp
				425					430					435
Arg	Gly	Ser	Thr	Thr	Ser	Leu	Gly	Ser	Asp	Phe	Ser	Leu	Val	Met

	440		445		450
Glu Ser Ser Pro	Gly Ala Thr Gly Ser	Phe Thr Tyr Glu Ala Val			
	455		460		465
Glu Leu Val Pro	Ala Gly Ala Pro Thr	Gln Ala Ala Trp Leu Ala			
	470		475		480
Ala Leu Ser Asp	Arg Glu Thr Arg Leu	Gln Glu Val Arg Ser Ala			
	485		490		495
Phe Leu Ala Ala	Tyr Ser Ser Thr Val	Gly Leu Arg Ala Val Ala			
	500		505		510
Pro Ser Pro Ser	Gly Ala Ile Gly Gly	Leu Leu Glu Gln Phe Ala			
	515		520		525
Arg Gly Val Gly	Leu Arg Ser Ile Ser	Ser Asn Ala Leu			
	530		535		

<210> 93
 <211> 58
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2831245

<400> 93	
Met Glu Met Lys Gly Ser Arg Val Trp Leu Leu Leu Phe Met	
1 5 10 15	
Trp Lys Ala Arg Pro Thr Phe Phe Gln Ser Cys Val Val Pro Phe	
20 25 30	
Ile Leu Ser Pro Gln Asn Cys Val Gln Thr His Ser Leu Gly Pro	
35 40 45	
Gly Val Trp Leu Gly Val Phe Pro Ser Gly Ser Leu His	
50 55	

<210> 94
 <211> 119
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 3116250

<400> 94	
Met Lys Val Leu Ile Ser Ser Leu Leu Leu Leu Pro Leu Met	
1 5 10 15	
Leu Met Ser Met Val Ser Ser Ser Leu Asn Pro Gly Val Ala Arg	
20 25 30	
Gly His Arg Asp Arg Gly Gln Ala Ser Arg Arg Trp Leu Gln Glu	
35 40 45	
Gly Gly Gln Glu Cys Glu Cys Lys Asp Trp Phe Leu Arg Ala Pro	
50 55 60	

```

Arg Arg Lys Phe Met Thr Val Ser Gly Leu Pro Lys Lys Gln Cys
      65              70              75
Pro Cys Asp His Phe Lys Gly Asn Val Lys Lys Thr Arg His Gln
      80              85              90
Arg His His Arg Lys Pro Asn Lys His Ser Arg Ala Cys Gln Gln
      95              100             105
Phe Leu Lys Gln Cys Gln Leu Arg Ser Phe Ala Leu Pro Leu
      110             115

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<210> 95
 <211> 128
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 3129630

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<400> 95
Met Ala Tyr Ser Thr Val Gln Arg Val Ala Leu Ala Ser Gly Leu
  1              5              10              15
Val Leu Ala Leu Ser Leu Leu Leu Pro Lys Ala Phe Leu Ser Arg
      20              25              30
Gly Lys Arg Gln Glu Pro Pro Pro Thr Pro Glu Gly Lys Leu Gly
      35              40              45
Arg Phe Pro Pro Met Met His His His Gln Ala Pro Ser Asp Gly
      50              55              60
Gln Thr Pro Gly Ala Arg Phe Gln Arg Ser His Leu Ala Glu Ala
      65              70              75
Phe Ala Lys Ala Lys Gly Ser Gly Gly Gly Ala Gly Gly Gly Gly
      80              85              90
Ser Gly Arg Gly Leu Met Gly Gln Ile Ile Pro Ile Tyr Gly Phe
      95              100             105
Gly Ile Phe Leu Tyr Ile Leu Tyr Ile Leu Phe Lys Val Ser Arg
      110             115             120
Ile Ile Leu Ile Ile Leu His Gln
      125

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<210> 96
 <211> 124
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 007632

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<400> 96
Met Tyr Lys Leu Ala Ser Cys Cys Leu Leu Phe Ile Gly Phe Leu
  1              5              10              15
Asn Pro Leu Leu Ser Leu Pro Leu Leu Asp Ser Arg Glu Ile Ser

```

	20		25		30									
Phe	Gln	Leu	Ser	Ala	Pro	His	Glu	Asp	Ala	Arg	Leu	Thr	Pro	Glu
	35		40		45									
Glu	Leu	Glu	Arg	Ala	Ser	Leu	Leu	Gln	Ile	Leu	Pro	Glu	Met	Leu
	50		55		60									
Gly	Ala	Glu	Arg	Gly	Asp	Ile	Leu	Arg	Lys	Ala	Asp	Ser	Ser	Thr
	65		70		75									
Asn	Ile	Phe	Asn	Pro	Arg	Gly	Asn	Leu	Arg	Lys	Phe	Gln	Asp	Phe
	80		85		90									
Ser	Gly	Gln	Asp	Pro	Asn	Ile	Leu	Leu	Ser	His	Leu	Leu	Ala	Arg
	95		100		105									
Ile	Trp	Lys	Pro	Tyr	Lys	Lys	Arg	Glu	Thr	Pro	Asp	Cys	Phe	Trp
	110		115		120									
Lys	Tyr	Cys	Val											

<210> 97

<211> 182

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1236968

<400> 97

Met	Trp	Pro	Leu	Ser	Ser	Asp	Ser	Ser	Trp	Ser	Leu	Trp	Ile	Ser
1			5						10					15
Thr	Gly	Met	Ala	Pro	Ala	Pro	Ser	Ser	Ser	Thr	Arg	Ser	Phe	Ser
			20						25					30
Glu	Ser	Leu	Lys	Gln	Lys	Leu	Val	Arg	Val	Leu	Glu	Glu	Asn	Leu
			35						40					45
Ile	Leu	Ser	Glu	Lys	Ile	Gln	Gln	Leu	Glu	Glu	Gly	Ala	Ala	Ile
			50						55					60
Ser	Ile	Val	Ser	Gly	Gln	Gln	Ser	His	Thr	Tyr	Asp	Asp	Leu	Leu
			65						70					75
His	Lys	Asn	Gln	Gln	Leu	Thr	Met	Gln	Val	Ala	Cys	Leu	Asn	Gln
			80						85					90
Glu	Leu	Ala	Gln	Leu	Lys	Lys	Leu	Glu	Lys	Thr	Val	Ala	Ile	Leu
			95						100					105
His	Glu	Ser	Gln	Arg	Ser	Leu	Val	Val	Thr	Asn	Glu	Tyr	Leu	Leu
			110						115					120
Gln	Gln	Leu	Asn	Lys	Glu	Pro	Lys	Gly	Tyr	Ser	Gly	Lys	Ala	Leu
			125						130					135
Leu	Pro	Pro	Glu	Lys	Gly	His	His	Leu	Gly	Arg	Ser	Ser	Pro	Phe
			140						145					150
Gly	Lys	Ser	Thr	Leu	Ser	Ser	Ser	Ser	Pro	Val	Ala	His	Glu	Thr
			155						160					165
Gly	Gln	Tyr	Leu	Ile	Gln	Ser	Val	Leu	Asp	Ala	Ala	Pro	Glu	Pro
			170						175					180
Gly	Leu													

<210> 98
 <211> 237
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 1334153

<400> 98
 Met Lys Gly Ile Leu Val Ala Gly Ile Thr Ala Val Leu Val Ala
 1 5 10 15
 Ala Val Glu Ser Leu Ser Cys Val Pro Cys Asn Ser Trp Glu Lys
 20 25 30
 Ser Cys Val Asn Ser Ile Ala Ser Glu Cys Pro Ser His Ala Asn
 35 40 45
 Thr Ser Cys Ile Ser Ser Ser Ala Ser Ser Ser Leu Glu Thr Pro
 50 55 60
 Val Arg Leu Tyr Gln Asn Met Phe Cys Ser Ala Glu Asn Cys Ser
 65 70 75
 Glu Glu Thr His Ile Thr Ala Phe Thr Val His Val Ser Ala Glu
 80 85 90
 Glu His Phe His Phe Val Ser Gln Cys Cys Gln Gly Lys Glu Cys
 95 100 105
 Ser Asn Thr Ser Asp Ala Leu Asp Pro Pro Leu Lys Asn Val Ser
 110 115 120
 Ser Asn Ala Glu Cys Pro Ala Cys Tyr Glu Ser Asn Gly Thr Ser
 125 130 135
 Cys Arg Gly Lys Pro Trp Lys Cys Tyr Glu Glu Glu Gln Cys Val
 140 145 150
 Phe Leu Val Ala Glu Leu Lys Asn Asp Ile Glu Ser Lys Ser Leu
 155 160 165
 Val Leu Lys Gly Cys Ser Asn Val Ser Asn Ala Thr Cys Gln Phe
 170 175 180
 Leu Ser Gly Glu Asn Lys Thr Leu Gly Gly Val Ile Phe Arg Lys
 185 190 195
 Phe Glu Cys Ala Asn Val Asn Ser Leu Thr Pro Thr Ser Ala Pro
 200 205 210
 Thr Thr Ser His Asn Val Gly Ser Lys Ala Ser Leu Tyr Leu Leu
 215 220 225
 Ala Leu Ala Ser Leu Leu Leu Arg Gly Leu Leu Pro
 230 235

<210> 99
 <211> 160
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 1396975

<400> 99
 Met Arg Pro Gly Pro Met Leu Gln Ala Arg Val Ser Ile Pro Ala

1	5	10	15
Ala Leu Gly Thr	Leu Phe Pro Arg Pro Gly Trp Ala Pro Gly Glu		
	20	25	30
Val Ser Ser Glu Ile	Ser Ser Arg Asp Leu Leu Asn Pro His Pro		
	35	40	45
Ser Thr Pro Ser Cys Cys	Ser Gln Ser Trp Ser Pro Met Ser Val		
	50	55	60
Leu Glu Pro Asp Ser Arg Gly Pro Pro	Pro Ile Ser Leu Thr His		
	65	70	75
Thr Gly Ile His Thr Pro Gln Lys Thr	Ser Gln Met Arg Pro Asp		
	80	85	90
Ser Gly Ser Arg Gly Met Cys Phe Cys	Pro Cys Lys Gly Phe Gly		
	95	100	105
Glu Gly Gly Asn Ile Val Glu Ala Gly Lys	Ser Pro Gln Thr Cys		
	110	115	120
Ala His Ala Pro Pro Ala Leu Arg Phe	His Ser Ala Phe Ser Glu		
	125	130	135
Cys Pro Cys Cys Thr Gln Thr Thr Gly Gln	Glu Arg Pro Ser Leu		
	140	145	150
Pro Leu Gln Pro Leu Ser Leu Pro Phe Asn			
	155	160	

<210> 100

<211> 148

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1501749

<400> 100

Met Ala Ala Ser Pro Ala Arg Pro Ala Val Leu Ala Leu Thr Gly		
1	5	10
15		
Leu Ala Leu Leu Leu Leu Cys Trp Gly Pro Gly Gly Ile Ser		
	20	25
30		
Gly Asn Lys Leu Lys Leu Met Leu Gln Lys Arg Glu Ala Pro Val		
	35	40
45		
Pro Thr Lys Thr Lys Val Ala Val Asp Glu Asn Lys Ala Lys Glu		
	50	55
60		
Phe Leu Gly Ser Leu Lys Arg Gln Lys Arg Gln Leu Trp Asp Arg		
	65	70
75		
Thr Arg Pro Glu Val Gln Gln Trp Tyr Gln Gln Phe Leu Tyr Met		
	80	85
90		
Gly Phe Asp Glu Ala Lys Phe Glu Asp Asp Ile Thr Tyr Trp Leu		
	95	100
105		
Asn Arg Asp Arg Asn Gly His Glu Tyr Tyr Gly Asp Tyr Tyr Gln		
	110	115
120		
Arg His Tyr Asp Glu Asp Ser Ala Ile Gly Pro Arg Ser Pro Tyr		
	125	130
135		
Gly Phe Arg His Gly Ala Ser Val Asn Tyr Asp Asp Tyr		
	140	145

<210> 101
 <211> 170
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 1575240

<400> 101

Met	Thr	Pro	Thr	Lys	Arg	Glu	Pro	Pro	Ala	Ala	Pro	Leu	Leu	Leu
1				5					10					15
Arg	Val	Leu	Pro	Gln	Leu	Ser	Ala	Met	Ser	Leu	Arg	Leu	Ser	Thr
				20					25					30
Arg	Arg	Glu	Asp	Met	Ile	Gly	Gln	Thr	Ser	Gly	Met	Cys	Ser	Phe
				35					40					45
Cys	Ser	Phe	Gln	Asn	Met	Arg	Gly	Glu	Ser	Ile	Trp	Leu	Leu	Cys
				50					55					60
Leu	Glu	Glu	Glu	Gly	Ala	Gly	Leu	Cys	Gln	Asn	Ser	Leu	Asp	Lys
				65					70					75
Arg	Phe	Ser	Gln	Lys	Glu	Gly	Cys	Ser	Asp	Asp	Lys	Ser	Pro	Leu
				80					85					90
His	His	Phe	Pro	Trp	Leu	Ser	Asp	Ala	Pro	Pro	Ser	Ser	His	Ala
				95					100					105
Arg	Thr	Ser	Glu	Ile	Arg	Leu	Pro	Pro	Asp	Ile	Thr	Gln	Pro	Cys
				110					115					120
Leu	Thr	Lys	Arg	Gln	Trp	Phe	Ile	Pro	Ser	Leu	Gly	Glu	Lys	Arg
				125					130					135
Gly	Asn	Ala	Lys	Leu	Leu	His	Gln	Leu	Leu	Ile	Leu	Leu	Pro	Ala
				140					145					150
Arg	Asn	Pro	Gly	Tyr	Leu	Gln	Val	Ser	Leu	Pro	Leu	Val	Trp	Ser
				155					160					165
Trp	Leu	Ser	Leu	Phe										
				170										

<210> 102
 <211> 150
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 1647884

<400> 102

Met	Gly	Ala	Ala	Ala	Trp	Ala	Arg	Pro	Leu	Ser	Val	Ser	Phe	Leu
1				5					10					15
Leu	Leu	Leu	Leu	Pro	Leu	Pro	Gly	Met	Pro	Ala	Gly	Ser	Trp	Asp
				20					25					30
Pro	Ala	Gly	Tyr	Leu	Leu	Tyr	Cys	Pro	Cys	Met	Gly	Lys	Ala	Ser
				35					40					45
Gln	Ala	Leu	Cys	Ser	Asp	Gly	Glu	Thr	Glu	Ala	Gly	Arg	Gly	Lys
				50					55					60

Ala	Thr	Pro	Gln	Met	Arg	Pro	Glu	Thr	Pro	Ser	Gln	Val	Gln	Glu
			65						70					75
Arg	Thr	Ser	Glu	Arg	Asp	Gly	Ala	Cys	Ser	Ser	Pro	Leu	Cys	Leu
			80						85					90
Ser	Cys	Lys	Gly	Thr	Glu	Gly	Pro	Thr	Cys	Pro	Thr	Phe	His	Leu
			95						100					105
Thr	Asp	Glu	Lys	Thr	Glu	Ala	Gly	Arg	Gly	Tyr	Val	Thr	Cys	Leu
			110						115					120
Arg	Ser	Lys	Pro	Val	Gln	Gly	Pro	Val	Asn	Gly	Val	Ser	Gly	Ala
			125						130					135
Gly	Leu	Asp	Val	Thr	Asp	Pro	Arg	Trp	Leu	Leu	Val	Ile	Phe	His
			140						145					150

<210> 103

<211> 142

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1661144

<400> 103

Met	Gly	Cys	Leu	Val	Trp	Gly	Pro	Ser	Trp	Pro	Pro	Leu	Ser	Leu
1			5						10					15
Leu	Ala	Ser	Leu	Leu	His	Ser	Gly	Ile	Ala	Gly	Arg	Cys	Leu	Leu
			20						25					30
Cys	Leu	Phe	Lys	Gly	Leu	Ala	Ala	Ala	Ala	Ser	Leu	Gln	Ile	Arg
			35						40					45
Asp	Leu	Ala	Ser	Arg	Leu	Thr	Thr	Gly	Pro	Arg	Thr	Cys	Arg	Val
			50						55					60
Gln	Pro	Pro	Pro	His	Pro	Gln	Ser	Ser	Pro	Pro	Trp	Pro	Gly	Pro
			65						70					75
Pro	Gly	Ala	Glu	Thr	Cys	Arg	Pro	Leu	Ser	Arg	Thr	Val	Gly	Gly
			80						85					90
Val	Cys	Pro	Ser	Asp	Trp	Pro	Val	Ser	Trp	Leu	Leu	Leu	Pro	Pro
			95						100					105
Leu	Pro	Glu	Val	Val	Thr	Cys	Ser	Cys	Pro	Arg	Ile	Lys	Ala	Arg
			110						115					120
Pro	Glu	Arg	Thr	Pro	Glu	Leu	Leu	Cys	Ala	Trp	Gly	Gly	Arg	Gly
			125						130					135
Lys	His	Ser	Gln	Leu	Val	Ala								
			140											

<210> 104

<211> 110

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1685409

<400> 104

Met	Glu	Thr	Gly	Arg	Leu	Leu	Ser	Leu	Ser	Ser	Leu	Pro	Leu	Val
1				5					10					15
Leu	Leu	Gly	Trp	Glu	Tyr	Ser	Ser	Gln	Thr	Leu	Asn	Leu	Val	Pro
				20					25					30
Ser	Thr	Ser	Ile	Leu	Ser	Phe	Val	Pro	Phe	Ile	Pro	Leu	His	Leu
				35					40					45
Val	Leu	Phe	Ala	Leu	Trp	Tyr	Leu	Pro	Val	Pro	His	His	Leu	Tyr
				50					55					60
Pro	Gln	Gly	Leu	Gly	Asp	His	Ala	Ala	Glu	Ala	Glu	Lys	Gly	Lys
				65					70					75
Arg	Glu	Glu	Gly	Gly	Thr	Gln	Val	Ala	Leu	Trp	Leu	Arg	Val	Gln
				80					85					90
Pro	Ser	Cys	Pro	Ser	Pro	Val	Cys	Leu	Glu	Pro	Val	Pro	Pro	Arg
				95					100					105
Ser	Arg	Phe	Leu	Leu										
				110										

<210> 105

<211> 120

<212> PRT

<213> Homo sapiens

<220>

<221> misc feature

<223> Incyte Clone No: 1731419

<400> 105

Met	Ser	Arg	Ala	Gly	Met	Leu	Gly	Val	Val	Cys	Ala	Leu	Leu	Val
1				5					10					15
Trp	Ala	Tyr	Leu	Ala	Val	Gly	Lys	Leu	Val	Val	Arg	Met	Thr	Phe
				20					25					30
Thr	Glu	Leu	Cys	Thr	His	His	Pro	Trp	Ser	Leu	Arg	Cys	Glu	Ser
				35					40					45
Phe	Cys	Arg	Ser	Arg	Val	Thr	Ala	Cys	Leu	Pro	Ala	Pro	Ala	Pro
				50					55					60
Trp	Leu	Arg	Pro	Phe	Leu	Cys	Pro	Met	Leu	Phe	Ser	Asp	Arg	Asn
				65					70					75
Pro	Val	Glu	Cys	His	Leu	Phe	Gly	Glu	Ala	Val	Ser	Asp	Pro	Val
				80					85					90
Cys	Lys	Gly	Leu	Leu	Pro	His	Tyr	Phe	Trp	His	Pro	Thr	Phe	Phe
				95					100					105
Pro	Val	Lys	Ala	Asn	Cys	Leu	Val	Ser	Phe	Cys	Pro	Thr	Thr	Val
				110					115					120

<210> 106

<211> 135

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2650265

<400> 106

```

Met Ala Arg Phe Trp Val Cys Val Ala Gly Ala Gly Phe Phe Leu
 1          5          10          15
Ala Phe Leu Val Leu His Ser Arg Phe Cys Gly Ser Pro Val Leu
          20          25          30
Arg Asn Phe Thr Phe Ala Val Ser Trp Arg Thr Glu Lys Ile Leu
          35          40          45
Tyr Arg Leu Asp Val Gly Trp Pro Lys His Pro Glu Tyr Phe Thr
          50          55          60
Gly Thr Thr Phe Cys Val Ala Val Asp Ser Leu Asn Gly Leu Val
          65          70          75
Tyr Ile Gly Gln Arg Gly Asp Asn Ile Pro Lys Ile Leu Val Phe
          80          85          90
Thr Glu Asp Gly Tyr Phe Leu Arg Ala Trp Asn Tyr Thr Val Asp
          95          100          105
Thr Pro His Gly Ile Phe Ala Ala Ser Thr Leu Tyr Glu Gln Ser
          110          115          120
Val Trp Ile Thr Asp Val Gly Ser Gly Met Tyr Ser Asn Ile Tyr
          125          130          135

```

<210> 107

<211> 301

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2677129

<400> 107

```

Met Leu Met Ile Ile Ile Ile Glu Pro Phe Ser Val Leu Ile Leu
 1          5          10          15
Phe Lys Ser Gly Ile Leu Ala Asp Phe Phe Ala Leu Leu Leu Leu
          20          25          30
Ile Asn Phe Phe Leu Val Ser Phe Phe Leu Ala Tyr Pro Leu Phe
          35          40          45
Asn Asn Gln Ile Asn Ser Arg Ser Met Asn Glu Ile Lys Asn Leu
          50          55          60
Gln Tyr Leu Pro Arg Thr Ser Glu Pro Arg Glu Val Leu Phe Glu
          65          70          75
Asp Arg Thr Arg Ala His Ala Asp His Val Gly Gln Gly Phe Asp
          80          85          90
Trp Gln Ser Thr Ala Ala Val Gly Val Leu Lys Ala Val Gln Phe
          95          100          105
Gly Glu Trp Ser Asp Gln Pro Arg Ile Thr Lys Asp Val Ile Cys
          110          115          120
Phe His Ala Glu Asp Phe Thr Asp Val Val Gln Arg Leu Gln Leu
          125          130          135
Asp Leu His Glu Pro Pro Val Ser Gln Cys Val Gln Trp Val Asp
          140          145          150

```

Glu	Ala	Lys	Leu	Asn	Gln	Met	Arg	Arg	Glu	Gly	Ile	Arg	Tyr	Ala	
				155					160					165	
Arg	Ile	Gln	Leu	Cys	Asp	Asn	Asp	Ile	Tyr	Phe	Ile	Pro	Arg	Asn	
				170					175					180	
Val	Ile	His	Gln	Phe	Lys	Thr	Val	Ser	Ala	Val	Cys	Ser	Leu	Ala	
				185					190					195	
Trp	His	Ile	Arg	Leu	Lys	Gln	Tyr	His	Pro	Val	Val	Glu	Ala	Thr	
				200					205					210	
Gln	Asn	Thr	Glu	Ser	Asn	Ser	Asn	Met	Asp	Cys	Gly	Leu	Thr	Gly	
				215					220					225	
Lys	Arg	Glu	Leu	Glu	Val	Asp	Ser	Gln	Cys	Val	Arg	Ile	Lys	Thr	
				230					235					240	
Glu	Ser	Glu	Glu	Ala	Cys	Thr	Glu	Ile	Gln	Leu	Leu	Thr	Thr	Ala	
				245					250					255	
Ser	Ser	Ser	Phe	Pro	Pro	Ala	Ser	Glu	Leu	Asn	Leu	Gln	Gln	Asp	
				260					265					270	
Gln	Lys	Thr	Gln	Pro	Ile	Pro	Val	Leu	Lys	Val	Glu	Ser	Arg	Leu	
				275					280					285	
Asp	Ser	Asp	Gln	Gln	His	Asn	Leu	Gln	Glu	His	Ser	Thr	Thr	Ser	
				290					295					300	
Val															

<210> 108
 <211> 103
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 3151073

<400> 108

Met	Ser	Phe	Val	Pro	Gly	Leu	Leu	Leu	Cys	Phe	Val	Leu	Leu	Leu	
1				5					10					15	
Cys	Val	Ser	Pro	Val	Tyr	Leu	Pro	Ser	Arg	Ser	Pro	Ser	Thr	Phe	
				20					25					30	
Pro	Ile	Ser	Glu	Pro	Leu	Ser	Phe	Ile	Gly	Met	Ser	Ala	Trp	Pro	
				35					40					45	
Gln	Cys	Ser	Pro	Ile	Tyr	Ser	Gln	Thr	Pro	Gly	Leu	Ala	Tyr	Glu	
				50					55					60	
Pro	Ser	Ser	Phe	Pro	Lys	Arg	Arg	Tyr	Trp	Val	Cys	Thr	Leu	His	
				65					70					75	
Glu	Ile	Lys	Trp	Glu	Cys	Pro	Arg	Ser	Arg	Arg	Thr	Ser	Asp	Ala	
				80					85					90	
Val	His	Ala	Asn	Lys	Leu	Gly	Leu	Pro	Leu	Lys	Ile	Ile			
				95					100						

<210> 109
 <211> 95
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 3170095

<400> 109

Met	Lys	Phe	Leu	Leu	Leu	Val	Leu	Ala	Ala	Leu	Gly	Phe	Leu	Thr
1				5					10					15
Gln	Val	Ile	Pro	Ala	Ser	Ala	Gly	Gly	Ser	Lys	Cys	Val	Ser	Asn
			20						25					30
Thr	Pro	Gly	Tyr	Cys	Arg	Thr	Cys	Cys	His	Trp	Gly	Glu	Thr	Ala
			35						40					45
Leu	Phe	Met	Cys	Asn	Ala	Ser	Arg	Lys	Cys	Cys	Ile	Ser	Tyr	Ser
			50						55					60
Phe	Leu	Pro	Lys	Pro	Asp	Leu	Pro	Gln	Leu	Ile	Gly	Asn	His	Trp
			65						70					75
Gln	Ser	Arg	Arg	Arg	Asn	Thr	Gln	Arg	Lys	Asp	Lys	Lys	Gln	Gln
			80						85					90
Thr	Thr	Val	Thr	Ser										
			95											

<210> 110
 <211> 113
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 3475168

<400> 110

Met	Ser	Pro	Ser	Pro	Arg	Trp	Gly	Phe	Leu	Cys	Val	Leu	Phe	Thr
1				5					10					15
Ala	Val	His	Pro	Ala	Pro	Ser	Thr	Ala	Pro	Val	Gln	Asp	Lys	Cys
			20						25					30
Pro	Val	Asn	Thr	Trp	Glu	Ala	Met	Gln	Ala	Ser	Ser	Gln	Gln	Leu
			35						40					45
Leu	Gln	Thr	Asp	Pro	Arg	Pro	Lys	Pro	Phe	Leu	Leu	Pro	Pro	Leu
			50						55					60
Pro	Pro	Leu	Leu	Leu	Ile	Ser	Ala	Gly	Thr	Glu	Val	Ser	Ser	Leu
			65						70					75
Val	Phe	Gln	Lys	Ser	Pro	Leu	His	Thr	Gln	Pro	Glu	Gly	Ala	Ile
			80						85					90
Lys	Thr	Ala	Gly	Gln	Pro	Thr	Ser	Val	His	Ser	Lys	Val	Leu	Ser
			95						100					105
Lys	Gly	Ser	Leu	Leu	Leu	Gly	Glu							
			110											

<210> 111
 <211> 234
 <212> PRT
 <213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 3836893

<400> 111

```

Met Arg Lys Thr Arg Leu Trp Gly Leu Leu Trp Met Leu Phe Val
  1           5           10           15
Ser Glu Leu Arg Ala Ala Thr Lys Leu Thr Glu Glu Lys Tyr Glu
          20           25           30
Leu Lys Glu Gly Gln Thr Leu Asp Val Lys Cys Asp Tyr Thr Leu
          35           40           45
Glu Lys Phe Ala Ser Ser Gln Lys Ala Trp Gln Ile Ile Arg Asp
          50           55           60
Gly Glu Met Pro Lys Thr Leu Ala Cys Thr Glu Arg Pro Ser Lys
          65           70           75
Asn Ser His Pro Val Gln Val Gly Arg Ile Ile Leu Glu Asp Tyr
          80           85           90
His Asp His Gly Leu Leu Arg Val Arg Met Val Asn Leu Gln Val
          95          100          105
Glu Asp Ser Gly Leu Tyr Gln Cys Val Ile Tyr Gln Pro Pro Lys
          110          115          120
Glu Pro His Met Leu Phe Asp Arg Ile Arg Leu Val Val Thr Lys
          125          130          135
Gly Phe Ser Gly Thr Pro Gly Ser Asn Glu Asn Ser Thr Gln Asn
          140          145          150
Val Tyr Lys Ile Pro Pro Thr Thr Thr Lys Ala Leu Cys Pro Leu
          155          160          165
Tyr Thr Ser Pro Arg Thr Val Thr Gln Ala Pro Pro Lys Ser Thr
          170          175          180
Ala Asp Val Ser Thr Pro Asp Ser Glu Ile Asn Leu Thr Asn Val
          185          190          195
Thr Asp Ile Ile Arg Val Pro Val Phe Asn Ile Val Ile Leu Leu
          200          205          210
Ala Gly Gly Phe Leu Ser Lys Ser Leu Val Phe Ser Val Leu Phe
          215          220          225
Ala Val Thr Leu Arg Ser Phe Val Pro
          230

```

<210> 112

<211> 119

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 4072159

<400> 112

```

Met Val Leu Pro Leu Pro Trp Leu Ser Arg Tyr His Phe Leu Arg
  1           5           10           15
Leu Leu Leu Pro Ser Trp Ser Leu Ala Pro Gln Gly Ser His Gly
          20           25           30
Cys Cys Ser Gln Asn Pro Lys Ala Ser Met Glu Glu Gln Thr Asn
          35           40           45

```

```

Ser Arg Gly Asn Gly Lys Met Thr Ser Pro Pro Arg Gly Pro Gly
      50      55      60
Thr His Arg Thr Ala Glu Leu Ala Arg Ala Glu Glu Leu Leu Glu
      65      70      75
Gln Gln Leu Glu Leu Tyr Gln Ala Leu Leu Glu Gly Gln Glu Gly
      80      85      90
Ala Trp Glu Ala Gln Ala Leu Val Leu Lys Ile Gln Lys Leu Lys
      95     100     105
Glu Gln Met Arg Arg His Gln Glu Ser Leu Gly Gly Gly Ala
      110     115

```

<210> 113

<211> 200

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1003916

<400> 113

```

Met Ala Ser Ser Leu Thr Cys Thr Gly Val Ile Trp Ala Leu Leu
  1      5      10      15
Ser Phe Leu Cys Ala Ala Thr Ser Cys Val Gly Phe Phe Met Pro
      20      25      30
Tyr Trp Leu Trp Gly Ser Gln Leu Gly Lys Pro Val Ser Phe Gly
      35      40      45
Thr Phe Arg Arg Cys Ser Tyr Pro Val His Asp Glu Ser Arg Gln
      50      55      60
Met Met Val Met Val Glu Glu Cys Gly Arg Tyr Ala Ser Phe Gln
      65      70      75
Gly Ile Pro Ser Ala Glu Trp Arg Ile Cys Thr Ile Val Thr Gly
      80      85      90
Leu Gly Cys Gly Leu Leu Leu Val Ala Leu Thr Ala Leu Met
      95     100     105
Gly Cys Cys Val Ser Asp Leu Ile Ser Arg Thr Val Gly Arg Val
      110     115     120
Ala Gly Gly Ile Gln Phe Leu Gly Gly Leu Leu Ile Gly Ala Gly
      125     130     135
Cys Ala Leu Tyr Pro Leu Gly Trp Asp Ser Glu Glu Val Arg Gln
      140     145     150
Thr Cys Gly Tyr Thr Ser Gly Gln Phe Asp Leu Gly Lys Cys Glu
      155     160     165
Ile Gly Trp Ala Tyr Tyr Cys Thr Gly Ala Gly Ala Thr Ala Ala
      170     175     180
Met Leu Leu Cys Thr Trp Leu Ala Cys Phe Ser Gly Lys Lys Gln
      185     190     195
Lys His Tyr Pro Tyr
      200

```

<210> 114

<211> 225
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2093492

<400> 114

Met Gly Phe Arg Leu Glu Gly Ile Phe Pro Ala Ala Leu Leu Pro	
1 5 10 15	
Leu Leu Leu Thr Met Ile Leu Phe Leu Gly Pro Leu Met Gln Leu	
20 25 30	
Ser Met Asp Cys Pro Cys Asp Leu Ala Asp Gly Leu Lys Val Val	
35 40 45	
Leu Ala Pro Arg Ser Trp Ala Arg Cys Leu Thr Asp Met Arg Trp	
50 55 60	
Leu Arg Asn Gln Val Ile Ala Pro Leu Thr Glu Glu Leu Val Phe	
65 70 75	
Arg Ala Cys Met Leu Pro Met Leu Ala Pro Cys Met Gly Leu Gly	
80 85 90	
Pro Ala Val Phe Thr Cys Pro Leu Phe Phe Gly Val Ala His Phe	
95 100 105	
His His Ile Ile Glu Gln Leu Arg Phe Arg Gln Ser Ser Val Gly	
110 115 120	
Asn Ile Phe Leu Ser Ala Ala Phe Gln Phe Ser Tyr Thr Ala Val	
125 130 135	
Phe Gly Ala Tyr Thr Ala Phe Leu Phe Ile Arg Thr Gly His Leu	
140 145 150	
Ile Gly Pro Val Leu Cys His Ser Phe Cys Asn Tyr Met Gly Phe	
155 160 165	
Pro Ala Val Cys Ala Ala Leu Glu His Pro Gln Arg Arg Pro Leu	
170 175 180	
Leu Ala Gly Tyr Ala Leu Gly Val Gly Leu Phe Leu Leu Leu Leu	
185 190 195	
Gln Pro Leu Thr Asp Pro Lys Leu Tyr Gly Ser Leu Pro Leu Cys	
200 205 210	
Val Leu Leu Glu Arg Ala Gly Asp Ser Glu Ala Pro Leu Cys Ser	
215 220 225	

<210> 115
 <211> 155
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2108789

<400> 115

Met Ser Gly Leu Leu Ile Pro Pro Leu Pro Gly Trp Val Leu Gly	
1 5 10 15	
Pro Leu Met Trp Ala Cys Arg Pro Pro Gln Asp Glu Pro Ser Gly	
20 25 30	

```

Thr Asp Pro Pro Pro Pro Arg Leu Gln Pro His His Val Ser Gly
          35          40          45
Leu Gly Leu Gly Gln Ala Trp Ala Gln Ser Trp Ala Pro Arg Gly
          50          55          60
Ser Pro Pro Leu Thr Trp Leu Leu Pro Thr Leu Pro Leu Lys Asp
          65          70          75
Gly Pro Ala Ala Arg Leu Pro Pro Pro Pro His Thr Thr Leu Gly
          80          85          90
Gly Leu Ser His Pro Pro Gln Pro Arg Ser Ala Gln Thr Asp Pro
          95          100          105
His Ser Ile Pro Arg Pro Ala Ala Gln Val Arg Gly Pro Val Leu
          110          115          120
Pro Gly Ala Trp Ala Thr Pro Tyr Ala Ile Ser Ser Glu Gln Pro
          125          130          135
Gly Pro Thr Asp Pro His Ala Leu Ser Tyr Val Pro Phe Ser Pro
          140          145          150
Asp Phe Phe Cys Thr
          155

```

<210> 116

<211> 468

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2171401

<400> 116

```

Met Gly Arg Gly Trp Gly Phe Leu Phe Gly Leu Leu Gly Ala Val
  1          5          10          15
Trp Leu Leu Ser Ser Gly His Gly Glu Glu Gln Pro Pro Glu Thr
          20          25          30
Ala Ala Gln Arg Cys Phe Cys Gln Val Ser Gly Tyr Leu Asp Asp
          35          40          45
Cys Thr Cys Asp Val Glu Thr Ile Asp Arg Phe Asn Asn Tyr Arg
          50          55          60
Leu Phe Pro Arg Leu Gln Lys Leu Leu Glu Ser Asp Tyr Phe Arg
          65          70          75
Tyr Tyr Lys Val Asn Leu Lys Arg Pro Cys Pro Phe Trp Asn Asp
          80          85          90
Ile Ser Gln Cys Gly Arg Arg Asp Cys Ala Val Lys Pro Cys Gln
          95          100          105
Ser Asp Glu Val Pro Asp Gly Ile Lys Ser Ala Ser Tyr Lys Tyr
          110          115          120
Ser Glu Glu Ala Asn Asn Leu Ile Glu Glu Cys Glu Gln Ala Glu
          125          130          135
Arg Leu Gly Ala Val Asp Glu Ser Leu Ser Glu Glu Thr Gln Lys
          140          145          150
Ala Val Leu Gln Trp Thr Lys His Asp Asp Ser Ser Asp Asn Phe
          155          160          165
Cys Glu Ala Asp Asp Ile Gln Ser Pro Glu Ala Glu Tyr Val Asp
          170          175          180
Leu Leu Leu Asn Pro Glu Arg Tyr Thr Gly Tyr Lys Gly Pro Asp

```

185	190	195
Ala Trp Lys Ile Trp Asn Val Ile Tyr	Glu Glu Asn Cys Phe Lys	
200	205	210
Pro Gln Thr Ile Lys Arg Pro Leu Asn	Pro Leu Ala Ser Gly Gln	
215	220	225
Gly Thr Ser Glu Glu Asn Thr Phe Tyr	Ser Trp Leu Glu Gly Leu	
230	235	240
Cys Val Glu Lys Arg Ala Phe Tyr Arg	Leu Ile Ser Gly Leu His	
245	250	255
Ala Ser Ile Asn Val His Leu Ser Ala	Arg Tyr Leu Leu Gln Glu	
260	265	270
Thr Trp Leu Glu Lys Lys Trp Gly His	Asn Ile Thr Glu Phe Gln	
275	280	285
Gln Arg Phe Asp Gly Ile Leu Thr Glu	Gly Glu Gly Pro Arg Arg	
290	295	300
Leu Lys Asn Leu Tyr Phe Leu Tyr Leu	Ile Glu Leu Arg Ala Leu	
305	310	315
Ser Lys Val Leu Pro Phe Phe Glu Arg	Pro Asp Phe Gln Leu Phe	
320	325	330
Thr Gly Asn Lys Ile Gln Asp Glu Glu	Asn Lys Met Leu Leu Leu	
335	340	345
Glu Ile Leu His Glu Ile Lys Ser Phe	Pro Leu His Phe Asp Glu	
350	355	360
Asn Ser Phe Phe Ala Gly Asp Lys Lys	Glu Ala His Lys Leu Lys	
365	370	375
Glu Asp Phe Arg Leu His Phe Arg Asn	Ile Ser Arg Ile Met Asp	
380	385	390
Cys Val Gly Cys Phe Lys Cys Arg Leu	Trp Gly Lys Leu Gln Thr	
395	400	405
Gln Gly Leu Gly Thr Ala Leu Lys Ile	Leu Phe Ser Glu Lys Leu	
410	415	420
Ile Ala Asn Met Pro Glu Ser Gly Pro	Ser Tyr Glu Phe His Leu	
425	430	435
Thr Arg Gln Glu Ile Val Ser Leu Phe	Asn Ala Phe Gly Arg Ile	
440	445	450
Ser Thr Ser Val Lys Glu Leu Glu Asn	Phe Arg Asn Leu Leu Gln	
455	460	465
Asn Ile His		

<210> 117

<211> 403

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2212530

<400> 117

Met Ser Thr Ser Thr Ser Pro Ala Ala Met Leu Leu Arg Arg Leu	
1 5 10 15	
Arg Arg Leu Ser Trp Gly Ser Thr Ala Val Gln Leu Phe Ile Leu	
20 25 30	
Thr Val Val Thr Phe Gly Leu Leu Ala Pro Leu Ala Cys His Arg	

	35		40		45
Leu Leu His Ser Tyr Phe Tyr Leu Arg His Trp His Leu Asn Gln	50		55		60
Met Ser Gln Glu Phe Leu Gln Gln Ser Leu Lys Glu Gly Glu Ala	65		70		75
Ala Leu His Tyr Phe Glu Glu Leu Pro Ser Ala Asn Gly Ser Val	80		85		90
Pro Ile Val Trp Gln Ala Thr Pro Arg Pro Trp Leu Val Ile Thr	95		100		105
Ile Ile Thr Val Asp Arg Gln Pro Gly Phe His Tyr Val Leu Gln	110		115		120
Val Val Ser Gln Phe His Arg Leu Leu Gln Gln Cys Gly Pro Gln	125		130		135
Cys Glu Gly His Gln Leu Phe Leu Cys Asn Val Glu Arg Ser Val	140		145		150
Ser His Phe Asp Ala Lys Leu Leu Ser Lys Tyr Val Pro Val Ala	155		160		165
Asn Arg Tyr Glu Gly Thr Glu Asp Asp Tyr Gly Asp Asp Pro Ser	170		175		180
Thr Asn Ser Phe Glu Lys Glu Lys Gln Asp Tyr Val Tyr Cys Leu	185		190		195
Glu Ser Ser Leu Gln Thr Tyr Asn Pro Asp Tyr Val Leu Met Val	200		205		210
Glu Asp Asp Ala Val Pro Glu Glu Gln Ile Phe Pro Val Leu Glu	215		220		225
His Leu Leu Arg Ala Arg Phe Ser Glu Pro His Leu Arg Asp Ala	230		235		240
Leu Tyr Leu Lys Leu Tyr His Pro Glu Arg Leu Gln His Tyr Ile	245		250		255
Asn Pro Glu Pro Met Arg Ile Leu Glu Trp Val Gly Val Gly Met	260		265		270
Leu Leu Gly Pro Leu Leu Thr Trp Ile Tyr Met Arg Phe Ala Ser	275		280		285
Arg Pro Gly Phe Ser Trp Pro Val Met Leu Phe Phe Ser Leu Tyr	290		295		300
Ser Met Gly Leu Val Glu Leu Val Gly Arg His Tyr Phe Leu Glu	305		310		315
Leu Arg Arg Leu Ser Pro Ser Leu Tyr Ser Val Val Pro Ala Ser	320		325		330
Gln Cys Cys Thr Pro Ala Met Leu Phe Pro Ala Pro Ala Ala Arg	335		340		345
Arg Thr Leu Thr Tyr Leu Ser Gln Val Tyr Cys His Lys Gly Phe	350		355		360
Gly Lys Asp Met Ala Leu Tyr Ser Leu Leu Arg Ala Lys Gly Glu	365		370		375
Arg Ala Tyr Val Val Glu Pro Asn Leu Val Lys His Ile Gly Leu	380		385		390
Phe Ser Ser Leu Arg Tyr Asn Phe His Pro Ser Leu Leu	395		400		

<210> 118

<211> 131

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2253036

<400> 118

```

Met Glu Arg Cys Phe His Cys Phe Pro Val His Leu Val Phe Asn
 1          5          10          15
Leu Val Gln Ser Phe Ser Pro Ile Ser Gly Val Glu Ser Cys Leu
          20          25          30
Leu Pro Gln Cys Asp Lys Cys Trp Pro Met Val Tyr Arg Ser Cys
          35          40          45
Asp Ala Ser Arg Gly Leu Val Asn Ala Cys Ile Leu Gly Phe Val
          50          55          60
Leu Leu Glu Cys Ser Phe Val Gly Ala Leu Asn Asn Tyr Val Arg
          65          70          75
Ser Leu Ala Thr Leu Leu Glu Arg Thr His Gly Gly Lys Arg Leu
          80          85          90
Lys Leu Cys Glu Glu Ser Gln Ala Ser His Pro Ser Phe Ser Ala
          95          100          105
Glu Pro Arg His Gln Pro Thr Cys Gln Leu Asn Ala Thr Val Arg
          110          115          120
Val Ile Thr Ser Lys Ile Thr Arg Lys Thr Thr
          125          130

```

<210> 119

<211> 556

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2280161

<400> 119

```

Met Ala Ala Ala Ala Trp Leu Gln Val Leu Pro Val Ile Leu Leu
 1          5          10          15
Leu Leu Gly Ala His Pro Ser Pro Leu Ser Phe Phe Ser Ala Gly
          20          25          30
Pro Ala Thr Val Ala Ala Ala Asp Arg Ser Lys Trp His Ile Pro
          35          40          45
Ile Pro Ser Gly Lys Asn Tyr Phe Ser Phe Gly Lys Ile Leu Phe
          50          55          60
Arg Asn Thr Thr Ile Phe Leu Lys Phe Asp Gly Glu Pro Cys Asp
          65          70          75
Leu Ser Leu Asn Ile Thr Trp Tyr Leu Lys Ser Ala Asp Cys Tyr
          80          85          90
Asn Glu Ile Tyr Asn Phe Lys Ala Glu Glu Val Glu Leu Tyr Leu
          95          100          105
Glu Lys Leu Lys Glu Lys Arg Gly Leu Ser Gly Lys Tyr Gln Thr
          110          115          120
Ser Ser Lys Leu Phe Gln Asn Cys Ser Glu Leu Phe Lys Thr Gln
          125          130          135
Thr Phe Ser Gly Asp Phe Met His Arg Leu Pro Leu Leu Gly Glu
          140          145          150

```

Lys	Gln	Glu	Ala	Lys	Glu	Asn	Gly	Thr	Asn	Leu	Thr	Phe	Ile	Gly	
				155					160					165	
Asp	Lys	Thr	Ala	Met	His	Glu	Pro	Leu	Gln	Thr	Trp	Gln	Asp	Ala	
				170					175					180	
Pro	Tyr	Ile	Phe	Ile	Val	His	Ile	Gly	Ile	Ser	Ser	Ser	Lys	Glu	
				185					190					195	
Ser	Ser	Lys	Glu	Asn	Ser	Leu	Ser	Asn	Leu	Phe	Thr	Met	Thr	Val	
				200					205					210	
Glu	Val	Lys	Gly	Pro	Tyr	Glu	Tyr	Leu	Thr	Leu	Glu	Asp	Tyr	Pro	
				215					220					225	
Leu	Met	Ile	Phe	Phe	Met	Val	Met	Cys	Ile	Val	Tyr	Val	Leu	Phe	
				230					235					240	
Gly	Val	Leu	Trp	Leu	Ala	Trp	Ser	Ala	Cys	Tyr	Trp	Arg	Asp	Leu	
				245					250					255	
Leu	Arg	Ile	Gln	Phe	Trp	Ile	Gly	Ala	Val	Ile	Phe	Leu	Gly	Met	
				260					265					270	
Leu	Glu	Lys	Ala	Val	Phe	Tyr	Ala	Glu	Phe	Gln	Asn	Ile	Arg	Tyr	
				275					280					285	
Lys	Gly	Glu	Ser	Val	Gln	Gly	Ala	Leu	Ile	Leu	Ala	Glu	Leu	Leu	
				290					295					300	
Ser	Ala	Val	Lys	Arg	Ser	Leu	Ala	Arg	Thr	Leu	Val	Ile	Ile	Val	
				305					310					315	
Ser	Leu	Gly	Tyr	Gly	Ile	Val	Lys	Pro	Arg	Leu	Gly	Val	Thr	Leu	
				320					325					330	
His	Lys	Val	Val	Val	Ala	Gly	Ala	Leu	Tyr	Leu	Leu	Phe	Ser	Gly	
				335					340					345	
Met	Glu	Gly	Val	Leu	Arg	Val	Thr	Gly	Tyr	Phe	Ser	Tyr	Pro	Leu	
				350					355					360	
Thr	Leu	Ile	Val	Asn	Leu	Ala	Leu	Ser	Ala	Val	Asp	Ala	Cys	Val	
				365					370					375	
Ile	Leu	Trp	Ile	Phe	Ile	Ser	Leu	Thr	Gln	Thr	Met	Lys	Leu	Leu	
				380					385					390	
Lys	Leu	Arg	Arg	Asn	Ile	Val	Lys	Leu	Ser	Leu	Tyr	Arg	His	Phe	
				395					400					405	
Thr	Asn	Thr	Leu	Ile	Leu	Ala	Val	Ala	Ala	Ser	Ile	Val	Phe	Ile	
				410					415					420	
Ile	Trp	Thr	Thr	Met	Lys	Phe	Arg	Ile	Val	Thr	Cys	Gln	Ser	Asp	
				425					430					435	
Trp	Arg	Glu	Leu	Trp	Val	Asp	Asp	Ala	Ile	Trp	Arg	Leu	Leu	Phe	
				440					445					450	
Ser	Met	Ile	Leu	Phe	Val	Ile	Met	Val	Leu	Trp	Arg	Pro	Ser	Ala	
				455					460					465	
Asn	Asn	Gln	Arg	Phe	Ala	Phe	Ser	Pro	Leu	Ser	Glu	Glu	Glu	Glu	
				470					475					480	
Glu	Asp	Glu	Gln	Lys	Glu	Pro	Met	Leu	Lys	Glu	Ser	Phe	Glu	Gly	
				485					490					495	
Met	Lys	Met	Arg	Ser	Thr	Lys	Gln	Glu	Pro	Asn	Gly	Asn	Ser	Lys	
				500					505					510	
Val	Asn	Lys	Ala	Gln	Glu	Asp	Asp	Leu	Lys	Trp	Val	Glu	Glu	Asn	
				515					520					525	
Val	Pro	Ser	Ser	Val	Thr	Asp	Val	Ala	Leu	Pro	Ala	Leu	Leu	Asp	
				530					535					540	
Ser	Asp	Glu	Glu	Arg	Met	Ile	Thr	His	Phe	Glu	Arg	Ser	Lys	Met	
				545					550					555	

Glu

<210> 120

<211> 514

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2287485

<400> 120

```

Met Ser Trp Pro Arg Arg Leu Leu Leu Arg Tyr Leu Phe Pro Ala
  1           5           10           15
Leu Leu Leu His Gly Leu Gly Glu Gly Ser Ala Leu Leu His Pro
  20           25           30
Asp Ser Arg Ser His Pro Arg Ser Leu Glu Lys Ser Ala Trp Arg
  35           40           45
Ala Phe Lys Glu Ser Gln Cys His His Met Leu Lys His Leu His
  50           55           60
Asn Gly Ala Arg Ile Thr Val Gln Met Pro Pro Thr Ile Glu Gly
  65           70           75
His Trp Val Ser Thr Gly Cys Glu Val Arg Ser Gly Pro Glu Phe
  80           85           90
Ile Thr Arg Ser Tyr Arg Phe Tyr His Asn Asn Thr Phe Lys Ala
  95          100          105
Tyr Gln Phe Tyr Tyr Gly Ser Asn Arg Cys Thr Asn Pro Thr Tyr
 110          115          120
Thr Leu Ile Ile Arg Gly Lys Ile Arg Leu Arg Gln Ala Ser Trp
 125          130          135
Ile Ile Arg Gly Gly Thr Glu Ala Asp Tyr Gln Leu His Asn Val
 140          145          150
Gln Val Ile Cys His Thr Glu Ala Val Ala Glu Lys Leu Gly Gln
 155          160          165
Gln Val Asn Arg Thr Cys Pro Gly Phe Leu Ala Asp Gly Gly Pro
 170          175          180
Trp Val Gln Asp Val Ala Tyr Asp Leu Trp Arg Glu Glu Asn Gly
 185          190          195
Cys Glu Cys Thr Lys Ala Val Asn Phe Ala Met His Glu Leu Gln
 200          205          210
Leu Ile Arg Val Glu Lys Gln Tyr Leu His His Asn Leu Asp His
 215          220          225
Leu Val Glu Glu Leu Phe Leu Gly Asp Ile His Thr Asp Ala Thr
 230          235          240
Gln Arg Met Phe Tyr Arg Pro Ser Ser Tyr Gln Pro Pro Leu Gln
 245          250          255
Asn Ala Lys Asn His Asp His Ala Cys Ile Ala Cys Arg Ile Ile
 260          265          270
Tyr Arg Ser Asp Glu His His Pro Pro Ile Leu Pro Pro Lys Ala
 275          280          285
Asp Leu Thr Ile Gly Leu His Gly Glu Trp Val Ser Gln Arg Cys
 290          295          300
Glu Val Arg Pro Glu Val Leu Phe Leu Thr Arg His Phe Ile Phe
 305          310          315
His Asp Asn Asn Asn Thr Trp Glu Gly His Tyr Tyr His Tyr Ser
 320          325          330
Asp Pro Val Cys Lys His Pro Thr Phe Ser Ile Tyr Ala Arg Gly
 335          340          345

```

Arg Tyr Ser Arg Gly Val Leu Ser Ser Arg Val Met Gly Gly Thr	350	355	360
Glu Phe Val Phe Lys Val Asn His Met Lys Val Thr Pro Met Asp	365	370	375
Ala Ala Thr Ala Ser Leu Leu Asn Val Phe Asn Gly Asn Glu Cys	380	385	390
Gly Ala Glu Gly Ser Trp Gln Val Gly Ile Gln Gln Asp Val Thr	395	400	405
His Thr Asn Gly Cys Val Ala Leu Gly Ile Lys Leu Pro His Thr	410	415	420
Glu Tyr Glu Ile Phe Lys Met Glu Gln Asp Ala Arg Gly Arg Tyr	425	430	435
Leu Leu Phe Asn Gly Gln Arg Pro Ser Asp Gly Ser Ser Pro Asp	440	445	450
Arg Pro Glu Lys Arg Ala Thr Ser Tyr Gln Met Pro Leu Val Gln	455	460	465
Cys Ala Ser Ser Ser Pro Arg Ala Glu Asp Leu Ala Glu Asp Ser	470	475	480
Gly Ser Ser Leu Tyr Gly Arg Ala Pro Gly Arg His Thr Trp Ser	485	490	495
Leu Leu Leu Ala Ala Leu Ala Cys Leu Val Pro Leu Leu His Trp	500	505	510
Asn Ile Arg Arg			

<210> 121

<211> 109

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2380344

<400> 121

Met Leu Trp Trp Leu Val Leu Leu Leu Leu Pro Thr Leu Lys Ser	1	5	10	15
Val Phe Cys Ser Leu Val Thr Ser Leu Tyr Leu Pro Asn Thr Glu	20	25	30	
Asp Leu Ser Leu Trp Leu Trp Pro Lys Pro Asp Leu His Ser Gly	35	40	45	
Thr Arg Thr Glu Val Ser Thr His Thr Val Pro Ser Lys Pro Gly	50	55	60	
Thr Ala Ser Pro Cys Trp Pro Leu Ala Gly Ala Val Pro Ser Pro	65	70	75	
Thr Val Ser Arg Leu Glu Ala Leu Thr Arg Ala Val Gln Val Ala	80	85	90	
Glu Pro Leu Gly Ser Cys Gly Phe Gln Gly Gly Pro Cys Pro Gly	95	100	105	
Arg Arg Arg Asp				

<210> 122

<211> 431
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2383171

<400> 122

Met	Ser	Trp	Val	Gln	Ala	Thr	Leu	Leu	Ala	Arg	Gly	Leu	Cys	Arg	
1				5					10					15	
Ala	Trp	Gly	Gly	Thr	Cys	Gly	Ala	Ala	Leu	Thr	Gly	Thr	Ser	Ile	
				20					25					30	
Ser	Gln	Val	Pro	Arg	Arg	Leu	Pro	Arg	Gly	Leu	His	Cys	Ser	Ala	
				35					40					45	
Ala	Ala	His	Ser	Ser	Glu	Gln	Ser	Leu	Val	Pro	Ser	Pro	Pro	Glu	
				50					55					60	
Pro	Arg	Gln	Arg	Pro	Thr	Lys	Ala	Leu	Val	Pro	Phe	Glu	Asp	Leu	
				65					70					75	
Phe	Gly	Gln	Ala	Pro	Gly	Gly	Glu	Arg	Asp	Lys	Ala	Ser	Phe	Leu	
				80					85					90	
Gln	Thr	Val	Gln	Lys	Phe	Ala	Glu	His	Ser	Val	Arg	Lys	Arg	Gly	
				95					100					105	
His	Ile	Asp	Phe	Ile	Tyr	Leu	Ala	Leu	Arg	Lys	Met	Arg	Glu	Tyr	
				110					115					120	
Gly	Val	Glu	Arg	Asp	Leu	Ala	Val	Tyr	Asn	Gln	Leu	Leu	Asn	Ile	
				125					130					135	
Phe	Pro	Lys	Glu	Val	Phe	Arg	Pro	Arg	Asn	Ile	Ile	Gln	Arg	Ile	
				140					145					150	
Phe	Val	His	Tyr	Pro	Arg	Gln	Gln	Glu	Cys	Gly	Ile	Ala	Val	Leu	
				155					160					165	
Glu	Gln	Met	Glu	Asn	His	Gly	Val	Met	Pro	Asn	Lys	Glu	Thr	Glu	
				170					175					180	
Phe	Leu	Leu	Ile	Gln	Ile	Phe	Gly	Arg	Lys	Ser	Tyr	Pro	Met	Leu	
				185					190					195	
Lys	Leu	Val	Arg	Leu	Lys	Leu	Trp	Phe	Pro	Arg	Phe	Met	Asn	Val	
				200					205					210	
Asn	Pro	Phe	Pro	Val	Pro	Arg	Asp	Leu	Pro	Gln	Asp	Pro	Val	Glu	
				215					220					225	
Leu	Ala	Met	Phe	Gly	Leu	Arg	His	Met	Glu	Pro	Asp	Leu	Ser	Ala	
				230					235					240	
Arg	Val	Thr	Ile	Tyr	Gln	Val	Pro	Leu	Pro	Lys	Asp	Ser	Thr	Gly	
				245					250					255	
Ala	Ala	Asp	Pro	Pro	Gln	Pro	His	Ile	Val	Gly	Ile	Gln	Ser	Pro	
				260					265					270	
Asp	Gln	Gln	Ala	Ala	Leu	Ala	Arg	His	Asn	Pro	Ala	Arg	Pro	Val	
				275					280					285	
Phe	Val	Glu	Gly	Pro	Phe	Ser	Leu	Trp	Leu	Arg	Asn	Lys	Cys	Val	
				290					295					300	
Tyr	Tyr	His	Ile	Leu	Arg	Ala	Asp	Leu	Leu	Pro	Pro	Glu	Glu	Arg	
				305					310					315	
Glu	Val	Glu	Glu	Thr	Pro	Glu	Glu	Trp	Asn	Leu	Tyr	Tyr	Pro	Met	
				320					325					330	
Gln	Leu	Asp	Leu	Glu	Tyr	Val	Arg	Ser	Gly	Trp	Asp	Asn	Tyr	Glu	
				335					340					345	
Phe	Asp	Ile	Asn	Glu	Val	Glu	Glu	Gly	Pro	Val	Phe	Ala	Met	Cys	
				350					355					360	

```

Met Ala Gly Ala His Asp Gln Ala Thr Met Ala Lys Trp Ile Gln
      365      370      375
Gly Leu Gln Glu Thr Asn Pro Thr Leu Ala Gln Ile Pro Val Val
      380      385      390
Phe Arg Leu Ala Gly Ser Thr Arg Glu Leu Gln Thr Ser Ser Ala
      395      400      405
Gly Leu Glu Glu Pro Pro Leu Pro Glu Asp His Gln Glu Glu Asp
      410      415      420
Asp Asn Leu Gln Arg Gln Gln Gln Gly Gln Ser
      425      430

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```

<210> 123
<211> 142
<212> PRT
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<223> Incyte Clone No: 2396046

```

```

<400> 123
Met Leu Leu Gly Val Arg Ala Val Pro Leu Cys Ser Ala Trp Gln
  1      5      10      15
Gly Ala Val Gly Leu Val Ser Leu Ala Ile Ser Ile Cys Lys His
      20      25      30
Gly Leu Ser Ser Gln Gln Asn Leu Val Pro Gly Lys Ser Asn Val
      35      40      45
Pro Lys Ala Ser Asp Met Pro Arg Cys Pro Pro Val Phe Gln Ser
      50      55      60
Pro Asn Leu Thr Pro Phe Pro His His Thr Lys His Thr Ser Gln
      65      70      75
Gly Ser His Leu Gly Val Pro Pro Pro Ala Pro Met Pro Trp Cys
      80      85      90
Pro Gln Ala Gln Gly Phe Gly Leu Ser Cys Gln Ser Leu Asp Ala
      95      100      105
Phe Glu Gly Gln Leu Gly Cys Gly Trp Gly Val Gln Ala Ala Gly
      110      115      120
Glu Pro Arg Leu Arg Ile Ile His Thr Leu Leu Phe Gly Ala Phe
      125      130      135
Val Glu Val Ser Arg Ile Pro
      140

```

```

<210> 124
<211> 643
<212> PRT
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<223> Incyte Clone No: 2456587

```

<400> 124

Met	Glu	Cys	Cys	Arg	Arg	Ala	Thr	Pro	Gly	Thr	Leu	Leu	Leu	Phe
1				5					10					15
Leu	Ala	Phe	Leu	Leu	Leu	Ser	Ser	Arg	Thr	Ala	Arg	Ser	Glu	Glu
			20						25					30
Asp	Arg	Asp	Gly	Leu	Trp	Asp	Ala	Trp	Gly	Pro	Trp	Ser	Glu	Cys
			35						40					45
Ser	Arg	Thr	Cys	Gly	Gly	Gly	Ala	Ser	Tyr	Ser	Leu	Arg	Arg	Cys
			50						55					60
Leu	Ser	Ser	Lys	Ser	Cys	Glu	Gly	Arg	Asn	Ile	Arg	Tyr	Arg	Thr
			65						70					75
Cys	Ser	Asn	Val	Asp	Cys	Pro	Pro	Glu	Ala	Gly	Asp	Phe	Arg	Ala
			80						85					90
Gln	Gln	Cys	Ser	Ala	His	Asn	Asp	Val	Lys	His	His	Gly	Gln	Phe
			95						100					105
Tyr	Glu	Trp	Leu	Pro	Val	Ser	Asn	Asp	Pro	Asp	Asn	Pro	Cys	Ser
			110						115					120
Leu	Lys	Cys	Gln	Ala	Lys	Gly	Thr	Thr	Leu	Val	Val	Glu	Leu	Ala
			125						130					135
Pro	Lys	Val	Leu	Asp	Gly	Thr	Arg	Cys	Tyr	Thr	Glu	Ser	Leu	Asp
			140						145					150
Met	Cys	Ile	Ser	Gly	Leu	Cys	Gln	Ile	Val	Gly	Cys	Asp	His	Gln
			155						160					165
Leu	Gly	Ser	Thr	Val	Lys	Glu	Asp	Asn	Cys	Gly	Val	Cys	Asn	Gly
			170						175					180
Asp	Gly	Ser	Thr	Cys	Arg	Leu	Val	Arg	Gly	Gln	Tyr	Lys	Ser	Gln
			185						190					195
Leu	Ser	Ala	Thr	Lys	Ser	Asp	Asp	Thr	Val	Val	Ala	Ile	Pro	Tyr
			200						205					210
Gly	Ser	Arg	His	Ile	Arg	Leu	Val	Leu	Lys	Gly	Pro	Asp	His	Leu
			215						220					225
Tyr	Leu	Glu	Thr	Lys	Thr	Leu	Gln	Gly	Thr	Lys	Gly	Glu	Asn	Ser
			230						235					240
Leu	Ser	Ser	Thr	Gly	Thr	Phe	Leu	Val	Asp	Asn	Ser	Ser	Val	Asp
			245						250					255
Phe	Gln	Lys	Phe	Pro	Asp	Lys	Glu	Ile	Leu	Arg	Met	Ala	Gly	Pro
			260						265					270
Leu	Thr	Ala	Asp	Phe	Ile	Val	Lys	Ile	Arg	Asn	Ser	Gly	Ser	Ala
			275						280					285
Asp	Ser	Thr	Val	Gln	Phe	Ile	Phe	Tyr	Gln	Pro	Ile	Ile	His	Arg
			290						295					300
Trp	Arg	Glu	Thr	Asp	Phe	Phe	Pro	Cys	Ser	Ala	Thr	Cys	Gly	Gly
			305						310					315
Gly	Tyr	Gln	Leu	Thr	Ser	Ala	Glu	Cys	Tyr	Asp	Leu	Arg	Ser	Asn
			320						325					330
Arg	Val	Val	Ala	Asp	Gln	Tyr	Cys	His	Tyr	Tyr	Pro	Glu	Asn	Ile
			335						340					345
Lys	Pro	Lys	Pro	Lys	Leu	Gln	Glu	Cys	Asn	Leu	Asp	Pro	Cys	Pro
			350						355					360
Ala	Ser	Asp	Gly	Tyr	Lys	Gln	Ile	Met	Pro	Tyr	Asp	Leu	Tyr	His
			365						370					375
Pro	Leu	Pro	Arg	Trp	Glu	Ala	Thr	Pro	Trp	Thr	Ala	Cys	Ser	Ser
			380						385					390
Ser	Cys	Gly	Gly	Gly	Ile	Gln	Ser	Arg	Ala	Val	Ser	Cys	Val	Glu
			395						400					405
Glu	Asp	Ile	Gln	Gly	His	Val	Thr	Ser	Val	Glu	Glu	Trp	Lys	Cys
			410						415					420

```

Met Tyr Thr Pro Lys Met Pro Ile Ala Gln Pro Cys Asn Ile Phe
      425      430      435
Asp Cys Pro Lys Trp Leu Ala Gln Glu Trp Ser Pro Cys Thr Val
      440      445      450
Thr Cys Gly Gln Gly Leu Arg Tyr Arg Val Val Leu Cys Ile Asp
      455      460      465
His Arg Gly Met His Thr Gly Gly Cys Ser Pro Lys Thr Lys Pro
      470      475      480
His Ile Lys Glu Glu Cys Ile Val Pro Thr Pro Cys Tyr Lys Pro
      485      490      495
Lys Glu Lys Leu Pro Val Glu Ala Lys Leu Pro Trp Phe Lys Gln
      500      505      510
Ala Gln Glu Leu Glu Glu Gly Ala Ala Val Ser Glu Glu Pro Ser
      515      520      525
Phe Ile Pro Glu Ala Trp Ser Ala Cys Thr Val Thr Cys Gly Val
      530      535      540
Gly Thr Gln Val Arg Ile Val Arg Cys Gln Val Leu Leu Ser Phe
      545      550      555
Ser Gln Ser Val Ala Asp Leu Pro Ile Asp Glu Cys Glu Gly Pro
      560      565      570
Lys Pro Ala Ser Gln Arg Ala Cys Tyr Ala Gly Pro Cys Ser Gly
      575      580      585
Glu Ile Pro Glu Phe Asn Pro Asp Glu Thr Asp Gly Leu Phe Gly
      590      595      600
Gly Leu Gln Asp Phe Asp Glu Leu Tyr Asp Trp Glu Tyr Glu Gly
      605      610      615
Phe Thr Lys Cys Ser Glu Ser Cys Gly Gly Gly Val Gln Glu Ala
      620      625      630
Val Val Ser Cys Leu Asn Lys Gln Thr Arg Glu Pro Cys
      635      640

```

<210> 125

<211> 568

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2484813

<400> 125

```

Met Val Leu Leu His Trp Cys Leu Leu Trp Leu Leu Phe Pro Leu
  1      5      10      15
Ser Ser Arg Thr Gln Lys Leu Pro Thr Arg Asp Glu Glu Leu Phe
      20      25      30
Gln Met Gln Ile Arg Asp Lys Ala Phe Phe His Asp Ser Ser Val
      35      40      45
Ile Pro Asp Gly Ala Glu Ile Ser Ser Tyr Leu Phe Arg Asp Thr
      50      55      60
Pro Lys Arg Tyr Phe Phe Val Val Glu Glu Asp Asn Thr Pro Leu
      65      70      75
Ser Val Thr Val Thr Pro Cys Asp Ala Pro Leu Glu Trp Lys Leu
      80      85      90
Ser Leu Gln Glu Leu Pro Glu Asp Arg Ser Gly Glu Gly Ser Gly

```

	95	100	105
Asp Leu Glu Pro	Leu Glu Gln Gln Lys	Gln Gln Ile Ile Asn Glu	
	110	115	120
Glu Gly Thr Glu	Leu Phe Ser Tyr Lys	Gly Asn Asp Val Glu Tyr	
	125	130	135
Phe Ile Ser Ser	Ser Ser Pro Ser Gly	Leu Tyr Gln Leu Asp Leu	
	140	145	150
Leu Ser Thr Glu	Lys Asp Thr His Phe	Lys Val Tyr Ala Thr Thr	
	155	160	165
Thr Pro Glu Ser	Asp Gln Pro Tyr Pro	Glu Leu Pro Tyr Asp Pro	
	170	175	180
Arg Val Asp Val	Thr Ser Leu Gly Arg	Thr Thr Val Thr Leu Ala	
	185	190	195
Trp Lys Pro Ser	Pro Thr Ala Ser Leu	Leu Lys Gln Pro Ile Gln	
	200	205	210
Tyr Cys Val Val	Ile Asn Lys Glu His	Asn Phe Lys Ser Leu Cys	
	215	220	225
Ala Val Glu Ala	Lys Leu Ser Ala Asp	Asp Ala Phe Met Met Ala	
	230	235	240
Pro Lys Pro Gly	Leu Asp Phe Ser Pro	Phe Asp Phe Ala His Phe	
	245	250	255
Gly Phe Pro Ser	Asp Asn Ser Gly Lys	Glu Arg Ser Phe Gln Ala	
	260	265	270
Lys Pro Ser Pro	Lys Leu Gly Arg His	Val Tyr Ser Arg Pro Lys	
	275	280	285
Val Asp Ile Gln	Lys Ile Cys Ile Gly	Asn Lys Asn Ile Phe Thr	
	290	295	300
Val Ser Asp Leu	Lys Pro Asp Thr Gln	Tyr Tyr Phe Asp Val Phe	
	305	310	315
Val Val Asn Ile	Asn Ser Asn Met Ser	Thr Ala Tyr Val Gly Thr	
	320	325	330
Phe Ala Arg Thr	Lys Glu Glu Ala Lys	Gln Lys Thr Val Glu Leu	
	335	340	345
Lys Asp Gly Lys	Ile Thr Asp Val Phe	Val Lys Arg Lys Gly Ala	
	350	355	360
Lys Phe Leu Arg	Phe Ala Pro Val Ser	Ser His Gln Lys Val Thr	
	365	370	375
Phe Phe Ile His	Ser Cys Leu Asp Ala	Val Gln Ile Gln Val Arg	
	380	385	390
Arg Asp Gly Lys	Leu Leu Leu Ser Gln	Asn Val Glu Gly Ile Gln	
	395	400	405
Gln Phe Gln Leu	Arg Gly Lys Pro Lys	Ala Lys Tyr Leu Val Arg	
	410	415	420
Leu Lys Gly Asn	Lys Lys Gly Ala Ser	Met Leu Lys Ile Leu Ala	
	425	430	435
Thr Thr Arg Pro	Thr Lys Gln Ser Phe	Pro Ser Leu Pro Glu Asp	
	440	445	450
Thr Arg Ile Lys	Ala Phe Asp Lys Leu	Arg Thr Cys Ser Ser Ala	
	455	460	465
Thr Val Ala Trp	Leu Gly Thr Gln Glu	Arg Asn Lys Phe Cys Ile	
	470	475	480
Tyr Lys Lys Glu	Val Asp Asp Asn Tyr	Asn Glu Asp Gln Lys Lys	
	485	490	495
Arg Glu Gln Asn	Gln Cys Leu Gly Pro	Asp Ile Arg Lys Lys Ser	
	500	505	510
Glu Lys Val Leu	Cys Lys Tyr Phe His	Ser Gln Asn Leu Gln Lys	
	515	520	525

Ala Val Thr Thr Glu Thr Ile Lys Gly Leu Gln Pro Gly Lys Ser
 530 535 540
 Tyr Leu Leu Asp Val Tyr Val Ile Gly His Gly Gly His Ser Val
 545 550 555
 Lys Tyr Gln Ser Lys Val Val Lys Thr Arg Lys Phe Cys
 560 565

<210> 126

<211> 125

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2493851

<400> 126

Met Trp Leu Val Gly Pro Ser Phe Leu Ser Cys Pro Leu Gly Lys
 1 5 10 15
 Val Pro Pro Ala Gly Leu Leu Leu Ala Gly Ser Ser Gly Arg Gly
 20 25 30
 Ala Arg Arg Pro Ala Thr Pro Arg His Trp Ser Ser Thr Thr Pro
 35 40 45
 Gly Leu Arg Leu Glu Ala Pro Leu Cys Gln Leu Cys Pro Leu Gly
 50 55 60
 Gly Thr Arg Gln Asp Cys Gln Pro Leu Ser Trp Gln Val Thr Ser
 65 70 75
 Ala Phe Lys Leu Thr Val Pro Ser Pro Phe His Ala Pro Pro Arg
 80 85 90
 Ser Trp Ser Cys Leu Leu Leu Gly Ile Phe Pro Gly Gln Ala Leu
 95 100 105
 Ala Leu Glu Pro Trp His Leu Phe Leu Gly Ser Met Leu Pro Arg
 110 115 120
 Cys Asp Gly Glu Cys
 125

<210> 127

<211> 196

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2495719

<400> 127

Met Ala Ala Leu Lys Ala Leu Val Ser Gly Cys Gly Arg Leu Leu
 1 5 10 15
 Arg Gly Leu Leu Ala Gly Pro Ala Ala Thr Ser Trp Ser Arg Leu
 20 25 30
 Pro Ala Arg Gly Phe Arg Glu Val Val Glu Thr Gln Glu Gly Lys

	35		40		45
Thr Thr Ile Ile	Glu Gly Arg Ile Thr	Ala Thr Pro Lys Glu Ser			
	50		55		60
Pro Asn Pro Pro	Asn Pro Ser Gly Gln Cys	Pro Ile Cys Arg Trp			
	65		70		75
Asn Leu Lys His	Lys Tyr Asn Tyr Asp	Asp Val Leu Leu Leu Ser			
	80		85		90
Gln Phe Ile Arg	Pro His Gly Gly Met	Leu Pro Arg Lys Ile Thr			
	95		100		105
Gly Leu Cys Gln	Glu Glu His Arg Lys	Ile Glu Glu Cys Val Lys			
	110		115		120
Met Ala His Arg	Ala Gly Leu Leu Pro	Asn His Arg Pro Arg Leu			
	125		130		135
Pro Glu Gly Val	Val Pro Lys Ser Lys	Pro Gln Leu Asn Arg Tyr			
	140		145		150
Leu Thr Arg Trp	Ala Pro Gly Ser Val	Lys Pro Ile Tyr Lys Lys			
	155		160		165
Gly Pro Arg Trp	Asn Arg Val Arg Met	Pro Val Gly Ser Pro Leu			
	170		175		180
Leu Arg Asp Asn	Val Cys Tyr Ser Arg	Thr Pro Trp Lys Leu Tyr			
	185		190		195
His					

<210> 128

<211> 214

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2614153

<400> 128

Met Val Leu Gly Gly Cys Pro Val Ser Tyr Leu Leu Leu Cys Gly		
1	5	10
Gln Ala Ala Leu Leu Leu Gly Asn Leu Leu Leu His Cys Val		
	20	25
Ser Arg Ser His Ser Gln Asn Ala Thr Ala Glu Pro Glu Leu Thr		
	35	40
Ser Ala Gly Ala Ala Gln Pro Glu Gly Pro Gly Gly Ala Ala Ser		
	50	55
Trp Glu Tyr Gly Asp Pro His Ser Pro Val Ile Leu Cys Ser Tyr		
	65	70
Leu Pro Asp Glu Phe Ile Glu Cys Glu Asp Pro Val Asp His Val		
	80	85
Gly Asn Ala Thr Ala Ser Gln Glu Leu Gly Tyr Gly Cys Leu Lys		
	95	100
Phe Gly Gly Gln Ala Tyr Ser Asp Val Glu His Thr Ser Val Gln		
	110	115
Cys His Ala Leu Asp Gly Ile Glu Cys Ala Ser Pro Arg Thr Phe		
	125	130
Leu Arg Glu Asn Lys Pro Cys Ile Lys Tyr Thr Gly His Tyr Phe		
	140	145
Ile Thr Thr Leu Leu Tyr Ser Phe Phe Leu Gly Cys Phe Gly Val		

	155		160		165
Asp Arg Phe Cys	Leu Gly His Thr Gly Thr	Ala Val Gly Lys Leu			
	170		175		180
Leu Thr Leu Gly Gly	Leu Gly Ile Trp Trp Phe Val Asp Leu Ile				
	185		190		195
Leu Leu Ile Thr Gly Gly	Leu Met Pro Ser Asp Gly Ser Asn Trp				
	200		205		210
Cys Thr Val Tyr					

<210> 129
 <211> 88
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2655184

<400> 129
 Met Ala Cys Phe Ser Phe Phe Leu Cys Phe Leu Val His Leu Leu
 1 5 10 15
 Ile Lys Met Asn Pro Val Thr Glu Ser Pro Ser Cys Leu Phe Ser
 20 25 30
 Pro Pro Ser Glu Ser Ala Leu Ala Ser Gln Leu Ala Leu Ser Ala
 35 40 45
 Ser Cys Asp Gln Arg Ala Pro Phe Ser Leu Ala Gly Val Val Ser
 50 55 60
 His Asp Pro Gly Trp Pro Val Val Arg Leu His Arg Pro Leu Val
 65 70 75
 Pro Glu His Ala Val Phe Ser Gln Pro Ser Leu Gln Pro
 80 85

<210> 130
 <211> 260
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2848362

<400> 130
 Met Pro Asp Pro Leu Phe Ser Ala Val Gln Gly Lys Asp Glu Ile
 1 5 10 15
 Leu His Lys Ala Leu Cys Phe Cys Pro Trp Leu Gly Lys Gly Gly
 20 25 30
 Met Glu Pro Leu Arg Leu Leu Ile Leu Leu Phe Val Thr Glu Leu
 35 40 45
 Ser Gly Ala His Asn Thr Thr Val Phe Gln Gly Val Ala Gly Gln
 50 55 60
 Ser Leu Gln Val Ser Cys Pro Tyr Asp Ser Met Lys His Trp Gly

	65		70		75
Arg Arg Lys Ala Trp Cys Arg Gln Leu Gly Glu Lys Gly Pro Cys					
	80		85		90
Gln Arg Val Val Ser Thr His Asn Leu Trp Leu Leu Ser Phe Leu					
	95		100		105
Arg Arg Trp Asn Gly Ser Thr Ala Ile Thr Asp Asp Thr Leu Gly					
	110		115		120
Gly Thr Leu Thr Ile Thr Leu Arg Asn Leu Gln Pro His Asp Ala					
	125		130		135
Gly Leu Tyr Gln Cys Gln Ser Leu His Gly Ser Glu Ala Asp Thr					
	140		145		150
Leu Arg Lys Val Leu Val Glu Val Leu Ala Asp Pro Leu Asp His					
	155		160		165
Arg Asp Ala Gly Asp Leu Trp Phe Pro Gly Glu Ser Glu Ser Phe					
	170		175		180
Glu Asp Ala His Val Glu His Ser Ile Ser Arg Ser Leu Leu Glu					
	185		190		195
Gly Glu Ile Pro Phe Pro Pro Thr Ser Ile Leu Leu Leu Leu Ala					
	200		205		210
Cys Ile Phe Leu Ile Lys Ile Leu Ala Ala Ser Ala Leu Trp Ala					
	215		220		225
Ala Ala Trp His Gly Gln Lys Pro Gly Thr His Pro Pro Ser Glu					
	230		235		240
Leu Asp Cys Gly His Asp Pro Gly Tyr Gln Leu Gln Thr Leu Pro					
	245		250		255
Gly Leu Arg Asp Thr					
	260				

<210> 131

<211> 295

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2849906

<400> 131

Met Gly Leu Pro Val Ser Trp Ala Pro Pro Ala Leu Trp Val Leu		
1	5	10
Gly Cys Cys Ala Leu Leu Leu Ser Leu Trp Ala Leu Cys Thr Ala		
	20	25
Cys Arg Arg Pro Glu Asp Ala Val Ala Pro Arg Lys Arg Ala Arg		
	35	40
Arg Gln Arg Ala Arg Leu Gln Gly Ser Ala Thr Ala Ala Glu Ala		
	50	55
Ser Leu Leu Arg Arg Thr His Leu Cys Ser Leu Ser Lys Ser Asp		
	65	70
Thr Arg Leu His Glu Leu His Arg Gly Pro Arg Ser Ser Arg Ala		
	80	85
Leu Arg Pro Ala Ser Met Asp Leu Leu Arg Pro His Trp Leu Glu		
	95	100
Val Ser Arg Asp Ile Thr Gly Pro Gln Ala Ala Pro Ser Ala Phe		
	110	115
		120

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Pro His Gln Glu Leu Pro Arg Ala Leu Pro Ala Ala Ala Ala Thr
      125      130      135
Ala Gly Cys Ala Gly Leu Glu Ala Thr Tyr Ser Asn Val Gly Leu
      140      145      150
Ala Ala Leu Pro Gly Val Ser Leu Ala Ala Ser Pro Val Val Ala
      155      160      165
Glu Tyr Ala Arg Val Gln Lys Arg Lys Gly Thr His Arg Ser Pro
      170      175      180
Gln Glu Pro Gln Gln Gly Lys Thr Glu Val Thr Pro Ala Ala Gln
      185      190      195
Val Asp Val Leu Tyr Ser Arg Val Cys Lys Pro Lys Arg Arg Asp
      200      205      210
Pro Gly Pro Thr Thr Asp Pro Leu Asp Pro Lys Gly Gln Gly Ala
      215      220      225
Ile Leu Ala Leu Ala Gly Asp Leu Ala Tyr Gln Thr Leu Pro Leu
      230      235      240
Arg Ala Leu Asp Val Asp Ser Gly Pro Leu Glu Asn Val Tyr Glu
      245      250      255
Ser Ile Arg Glu Leu Gly Asp Pro Ala Gly Arg Ser Ser Thr Cys
      260      265      270
Gly Ala Gly Thr Pro Pro Ala Ser Ser Cys Pro Ser Leu Gly Arg
      275      280      285
Gly Trp Arg Pro Leu Pro Ala Ser Leu Pro
      290      295

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<210> 132

<211> 183

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2899137

<400> 132

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Met Ala Ala Ser Met Ala Arg Gly Gly Val Ser Ala Arg Val Leu
  1           5           10           15
Leu Gln Ala Ala Arg Gly Thr Trp Trp Asn Arg Pro Gly Gly Thr
      20           25           30
Ser Gly Ser Gly Glu Gly Val Ala Leu Gly Thr Thr Arg Lys Phe
      35           40           45
Gln Ala Thr Gly Ser Arg Pro Ala Gly Glu Asp Ala Gly Gly
      50           55           60
Pro Glu Arg Pro Gly Asp Val Val Asn Val Val Phe Val Asp Arg
      65           70           75
Ser Gly Gln Arg Ile Pro Val Ser Gly Arg Val Gly Asp Asn Val
      80           85           90
Leu His Leu Ala Gln Arg His Gly Val Asp Leu Glu Gly Ala Cys
      95          100          105
Glu Ala Ser Leu Ala Cys Ser Thr Cys His Val Tyr Val Ser Glu
      110          115          120
Asp His Leu Asp Leu Leu Pro Pro Pro Glu Glu Arg Glu Asp Asp
      125          130          135
Met Leu Asp Met Ala Pro Leu Leu Gln Glu Asn Ser Arg Leu Gly

```

	140		145		150
Cys Gln Ile Val	Leu Thr Pro Glu Leu	Glu Gly Ala Glu Phe	Thr		
	155		160		165
Leu Pro Lys Ile	Thr Arg Asn Phe Tyr	Val Asp Gly His Val	Pro		
	170		175		180
Lys Pro His					

<210> 133
 <211> 113
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2986229

<400> 133

Met Trp Arg Lys Pro Asp Val Leu Tyr Ser Val Ile Pro Val Thr	
1	5 10 15
Ser Leu Phe Phe Leu Leu Ala Leu Asn Leu Pro Asp Val Phe Gly	
	20 25 30
Leu Val Val Leu Pro Leu Glu Leu Lys Leu Arg Ile Phe Arg Leu	
	35 40 45
Leu Asp Val Arg Ser Val Leu Ser Leu Ser Ala Val Cys Arg Asp	
	50 55 60
Leu Phe Thr Ala Ser Asn Asp Pro Leu Leu Trp Arg Phe Leu Tyr	
	65 70 75
Leu Arg Asp Phe Arg Gly Asp Phe Arg Asn Asp Ile Phe Thr Arg	
	80 85 90
Lys Gly Ser Tyr Cys Leu Asp Tyr Ser Ala His Gln Lys Phe Leu	
	95 100 105
Val Val Gly Phe Phe Cys Cys Lys	
	110

<210> 134
 <211> 160
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 3222081

<400> 134

Met Gln Arg Val Ser Gly Leu Leu Ser Trp Thr Leu Ser Arg Val	
1	5 10 15
Leu Trp Leu Ser Gly Leu Ser Glu Pro Gly Ala Ala Arg Gln Pro	
	20 25 30
Arg Ile Met Glu Glu Lys Ala Leu Glu Val Tyr Asp Leu Ile Arg	
	35 40 45
Thr Ile Arg Asp Pro Glu Lys Pro Asn Thr Leu Glu Glu Leu Glu	

	50		55		60									
Val	Val	Ser	Glu	Ser	Cys	Val	Glu	Val	Gln	Glu	Ile	Asn	Glu	Glu
	65		70		75									
Glu	Tyr	Leu	Val	Ile	Ile	Arg	Phe	Thr	Pro	Thr	Val	Pro	His	Cys
	80		85		90									
Ser	Leu	Ala	Thr	Leu	Ile	Gly	Leu	Cys	Leu	Arg	Val	Lys	Leu	Gln
	95		100		105									
Arg	Cys	Leu	Pro	Phe	Lys	His	Lys	Leu	Glu	Ile	Tyr	Ile	Ser	Glu
	110		115		120									
Gly	Thr	His	Ser	Thr	Glu	Glu	Asp	Ile	Asn	Lys	Gln	Ile	Asn	Asp
	125		130		135									
Lys	Glu	Arg	Val	Ala	Ala	Ala	Met	Glu	Asn	Pro	Asn	Leu	Arg	Glu
	140		145		150									
Ile	Val	Glu	Gln	Cys	Val	Leu	Glu	Pro	Asp					
	155		160											

<210> 135

<211> 865

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 443531

<400> 135

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attcctcaat tttccagtct cccttgagct aagtgtggcc ctatgactca cttccagcca 60
tgaaaacaag tgcaaatctg ttaggagtat gttctggggc aatttttget ctectgatga 120
agacaaaggc tgttgatcca ctgaaccac ccagacacta tgtggtttct tgaatgtcct 180
acgtacattt tgatggatta cccaaggact atctgatgaa gaataataga gacatatataa 240
tacatatggg ctacatcttg gcaaaataaa gtaatcctga agtaaattct aaggatgttc 300
tgaattgaca cctcttaagc acaaccgaat gtcctggtgg ctttgcctcc cactggggct 360
ttttggtctt tgtttggccc cagcggctgc tgcagctctg tctgaattca cacaggagca 420
acatgatggt gctcagccct cgccgaagtg tcttgctgaa gagttgggag atgcttggac 480
tattcagata gaagccaact ggaagtacag ggcagtcaac acaaaccaga gaggcaaaact 540
tttggccagt gagacatgga aaggggagaag aaatacatte ttctttctcc cctagagtga 600
ggaccaacct gagtcccagt cacctggaat cccctcagac gagcgtccct tgagatccag 660
cacatggcag ccagcgtgct gacgattcct tcctgcctac tggctccttc ttatttctgc 720
ctccgtggaa ctgtattctc taatcaatat tagcacatac atattgcccc agactgtacc 780
tcctgggaac ccaggataaa gcactatcta aacattttgt cttggaattg taataaactt 840
caaaagaaaa atacaaaaaa aaaaaa

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865

<210> 136

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221>

<222> 11, 12

<223> a or g or c or t, unknown, or other

<220>

<221> misc_feature

<223> Incyte Clone No: 632860

<400> 136

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cggaccgtgg nnttggtaaa gccattttcc gaggatttta gggagaccta ggtggggcag 60
acactagaag tgtccagcct ccaagcccaa gagatgtggc cggcagggct gggcaggtcc 120
ttgctggctc agcctgctct ttgctccttc atgggacccc agtggatcct gcagttctgc 180
tcttggtctg aaccacgcca gcttcgctgg agctggactg agccgccttt tacattattg 240
gactctctcg ggttgagagc tgcccaggac tcctgcagtt tcaccaccct tgttcctttg 300
actcttgact catcattcat gaccgttaac gtggttccat ttgtatggac ttcttctttc 360
ttcagagcat ttacgtatcc tgttacctcc ccatgcagaa caaagaatac tccacttttg 420
atagatgggg ttaccaggat tcaggctaca tggcctgagg caaggtcaca acatgagtga 480
cagaatgtgt cctgggaagcc aggcattctc tggggtgtat ttggggcgct caacaaggct 540
tgatcgagct ttgggggtag atctagctat tccatgggga ttcttttcag aattgctgtt 600
ttcggttaact aattccatga ccagggtccat ggcattggat gacattgcgc tacactgttg 660
ctcaccgggg tcaccgctcc tcacagggtg gatggcaagc atgttg 706
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<210> 137

<211> 801

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 670010

<400> 137

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actttctacat gggcctcctg ctgctgggtgc tcttctcag cctcctgcgc gtggcctaca 60
ccatcatgtc cctcccaccc tcctttgact gcgggcccgtt caggtgcaga gtctcagttg 120
ccggggagca cctcccctcc cgaggcagtc tgctcagagg gcctcggccc agaattccag 180
ttctggtttc atgccagcct gtaaaaggcc atggaacttt ggggtgaatca ccgatgccat 240
ttaagagggg tttctgccag gatggaaatg ttaggtcggt ctgtgtctgc gctgttcatt 300
tcagtagcca ccagccacct gtggccgttg agtgcttgaa atgaggaaact gagaaaatta 360
atctctcatg tatttttctc atttatttat taatttttaa ctgatagttg tacatatttg 420
ggggtacatg tgatatttg atacatgtat acaatatata atgatcaaat cagggttaact 480
gggatatcca tcacatcaaa catttatttt ttattctttt tagacagagt ctcactctgt 540
caccagggct ggagtgcagt ggtgccatct cagcttactg caacctctgc ctgccagggt 600
caagcgattc tcatgcctcc acctcccaag tagctgggac tacaggcatg caccacaatg 660
cccaactaat ttttgatttt ttagtagaga cggggttttg ccatgttgcc caggctggcc 720
ttgaactcct ggctcaaac aatccacttg cctcggcctc ccaaagtgtt atgattacag 780
gcgtgagcca ccgtgcctgg g 801
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<210> 138

<211> 664

<212> DNA

<213> Homo sapiens

<220>

<221>

<222> 505, 518, 527, 540, 565, 566

<223> a or g or c or t, unknown, or other

<220>

<221> misc_feature

<223> Incyte Clone No: 726498

<400> 138

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eggacgcgtg ggctggaagg agctctggag tcggaatcag gatgtggagg ctgagaagaa 60
atctggctct accacctggg aaactggcat ggttgatatt gtcagtgttc agtcagggga 120
gcagagccat gatgagtctt acggaaataa ggttaaaaca tatgcttgaa atttggcatg 180
gcagacaagc cagagcttgt gaaaatctaa gaaaccaaac acgtgtagcc accaaagtgg 240
aaccacaaaa gggaagatct acagaaattt gttgccttgc tgtagtcca ttaaatgagg 300
ttgtgcagtc aagcatcttg tgggggtct ggagctgttg ccagcatcag gaagacaagc 360
tgggtgctaa gtgaagaaat acacaatgta gaaactgtca ggcatctctg cccctggact 420
tcaccatata tgatgatgtt ctcagagtca gggcactgct tcacttttcg cttccaaatc 480
tcacacaaaa ttctctgtta ggcancceca gcttagance ttacaantga gggggatcan 540
ggaaatggag taccagata cccanngtga tatactttta tgccctcagt ttcttatctt 600
tcagtgggga taatatcctc ggatacaaaa gagtgtacat atataccctg tatttggtaa 660
acta 664
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<210> 139

<211> 1241

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 795064

<400> 139

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ccaggcaata tctcaggata tggaagtttc tgggtttatt taccctcag tgcccagagt 60
taaaagttca gaagagactt gtgcacataa gggcttcac tcaagtgtat tgcagtaatg 120
gctgaatcgg ggttaacatc ccttccaggc acagcgagtt ggttctgctt ttgacctgta 180
agccaaagaa aagccacatc taaaaagcta ctactaaaag ccagaaagaa aagtggattt 240
gaactcagtg tcacagactc ttctgagtgt tttagggtca cagctagtgt aagaggcatg 300
aagaatagac atgcaaaaagg gaacgggtgc accagagacc cctgttttgg ctgacagacc 360
atatgtccca ccagctgggg aatctgacaa gaggacatag gtggcactct ttttttaaag 420
ctatattatt tatctatttt taaataaaat tgccatcct cattcagctc ttagaacaaa 480
agcaaaaaac cctgtaaatc aggagatata agcacatctg caccagaat aggcccatat 540
gatagggcaa ccctgagctt aaacaatgac atcttcaagg gtagaactaa tctgaaaccc 600
ccttccagcc tctggaagac actggcctgc atcagttaga gtcagagcaa gtgtcacttc 660
acagggaaaa gaaggattat atagacttcc tatccctaga gtttataaat gtcaactata 720
taaaaaaagc tcaaaacagt gttaaaggaa tgaacagtag aattttaata ggctgtccaa 780
agaagccagg tctgctgtgg gcaagtatag cctaacccta gtcttgtaaa ataagccaga 840
aaggggtact gagccacctt aagctagtac ctatatagta ggcaaaaagt acagaaatag 900
atgcaataag tgtggtgagt ctttgagcct acgagtcatg ccaccagcca taagttgacc 960
tatcacttga gaacctctc agcaaagatg ccagaaaaca ttcaatcaag ttggcaaatg 1020
acacagggag ctggccctct gaccatcttc ctggcaaacc tggactggaa gggccatttg 1080
cagcactgtc ctggagctaa tacactgttt cactgcctct gccatataat gatgccagca 1140
ctagccagct ggtgggtatt tggaggaatc ctgcatgagg attgccaat aaggggcagg 1200
tacacatacc tggcaaaagt atgatgatgt gaattgtttc c 1241
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<210> 140

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221>

<222> 570, 641

<223> a or g or c or t, unknown, or other

<220>

<221> misc_feature

<223> Incyte Clone No: 924925

<400> 140

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tggagtgggg agaagagcat acgccaggag cctcctgcct caaagtgtct ccctaagtct 60
tcttcctcct gtgctgacct caggggtggc tgacccttcc ctcggtgtgg gggatgtggc 120
cctctcaggt gccctactt gctttctgct tccttctggt gaagtccacc tccaacatta 180
acctgcccac cccacccccg tcatccctgg agaattccag ctttgtcgta tctcagagag 240
ggaaatcta tgttttttggg gggcaaaaga aagcaacgtt taggtatcac ttctacttgg 300
accgcatgcc tttttatagc caaatttctg tgtatttctg aaatggattt cgcgttaatg 360
gatatttatg taataactag acttctcaga ttattgtgag aagggtcagg ttggaagggg 420
tgtaggaaga cgggtgaggg gtagtttttt tctgtcctag tttttttttt ttttattgtc 480
atctctgagg tggactttgt cacctgtggg tattggggcc aagtggactc agctccgggg 540
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tgtggaagca tcagatgcca gactgactt cagaccagca nttegggcta gaggaagatg 660
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<210> 141

<211> 1235

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 962390

<400> 141

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<210> 142

<211> 1834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1259405

<400> 142

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ctgggcccc agcgatggcg accctgtggg gaggccttct tcggcttgge tccttgetca 180
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<210> 143

<211> 1722

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1297384

<400> 143

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aggagggggc ccgttgatta cagagagcat ttgggatttt gtttggtttg gagatgatgc 420
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<210> 144

<211> 1741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1299627

<400> 144

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tacgcttata ttgggaatat cctctcgggc actgcaattg cgggcattgt ttttggaaata 240
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cacaggcgca cccgcgtggg catcctcagg acgactcaca tcaacaccgt ctctcctat 360
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ccatactccc ccacccacac ggtccagca cagcgttctc caccctctcc ttatcctgga 480
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gactcgcaaa aataaagtgg gaaatgaagt tcagattccc ttctgtagat ttccttaaaa 1560
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 cacaattaag atactgacat caaattgttg ccttttacca aaatgcaaat tttatgaagt 1680
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 a 1741

<210> 145
 <211> 997
 <212> DNA
 <213> Homo sapiens

<220>
 <221>
 <222> 973
 <223> a or g or c or t, unknown, or other

<220>
 <221> misc_feature
 <223> Incyte Clone No: 1306026

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 cgtctgtgcc ggcttatccg agcataactg tgacacctga tgaagagcaa aacttgaatc 240
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<210> 146
 <211> 981
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 1316219

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 tctgttcatt ttcattttta aagaatatcg ataacttgat gacccagaa ggagtggcc 180
 ttaccactgc cttacgtgtt ctctgtaatg ttgcatgccc accacctcct gttgaaggte 240
 aacagaaaga tctgaaatgg aatcttgccg ttattcagct tttttctgct gaaggaatgg 300
 acacgtttat tcgagttctg caaaaattga acagtattct gactcagcct tggaggctcc 360

```

atgtcaacat ggggactacc cttcacagag ttactactat ttcaatggct cgctgcacac 420
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acatgcgtgt tccttcagcg cttgttactt tacatatgct cctgtgctct atccccctct 540
caggtcggtt ggatagtgat gaacagaaaa ttcagaatga tatcattgat attttactga 600
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<210> 147

<211> 526

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte Clone No: 1329031

<400> 147

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aggccaaaga ggccccagcc gacaagtgat cgcccacaag ccttactcac ctctctctaa 420
gtttagaagc gctcatctgg cttttcgctt gcttctgcag caactccac gactgttgta 480
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<211> 2090

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1483050

<400> 148

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<211> 2403

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte Clone No: 1514160

<400> 149

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<210> 150

<211> 431

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1603403

<400> 150

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tgactttgca actgaagctg aaggagtctt ttctgacaaa ttctctctat gagtccagct 180
tcttgaatt gcttgaag ctctgcctcc tctccatct cccttcagg accagcgtca 240
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ctgtgtcctt cttggcccgg gcttttggg cggggatgca ggaggcagg cccgaccctg 360
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<210> 151

<211> 2109

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1652303

<400> 151

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gcttcagttc agatttcaag ctgtgttggg gttgggacca gcagaaggca aacgtccagc 240
caacacacag gactgtaaga ggactctgag ctacgtgccc tgtgaagacc cccaggcttt 300
gtcataggag gtcgttcagc ttccccaaag tcagaggtga tttgatttgg ggaagactga 360
atattcacac ctaagtctg agcatatcct gagttttact tccttatggc ttgccctcca 420

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agttctctct ctcatacaca cacacaccc tgetccagaa tcaccagaca cctccatggc 480
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aaaaaaaaa 2109

<210> 152

<211> 1114

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<223> Incyte Clone No: 1693358

<400> 152

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actcacctgg ctccagcctc ccctacccag ggtctctgca cagtgcacctt cacagcagtt 1020
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caataaagct tctcatcagg gttaaaaaaa aaaa 1114

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<210> 153

<211> 2192

<212> DNA

<213> Homo sapiens

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<223> Incyte Clone No: 1707711

<400> 153

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<210> 154

<211> 913

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1738735

<400> 154

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cccatgcccc gggacttcct ccaccctcac caggacattc ttcccatctc ttgtctcctg 180
tgtgcaagtc cctttctcct ggattccatg tcttgaatgt ttcttaattt acttcctcat 240
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<210> 155

<211> 480

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1749147

<400> 155

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<210> 156

<211> 545

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1817722

<400> 156

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ctgttacaag ctgtctcagc tttagctaat tacattcatt tctccagttta ctccaaagat 120
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ggaatagggg taccatttat gggaagtttg gcagaatddd ttgacatcgc ttcccaaatt 180
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<210> 157

<211> 1746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1831290

<400> 157

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<210> 158

<211> 2011

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1831477

<400> 158

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<210> 159

<211> 480

<212> DNA

<213> Homo sapiens

<220>

<221>

<222> 440

<223> a or g or c or t, unknown, or other

<220>

<221> misc_feature

<223> Incyte Clone No: 1841607

<400> 159

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1923

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<213> Homo sapiens

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518

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cccagtttga atggaaactct atggcactgt caacaaagga tgctcggatg gactacctga 1860
gagaatgtat atttggagaa gtcaagtc atttgtagt tttatttaa atgaatgtta 1920
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<210> 171

<211> 1492

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1932226

<400> 171

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ggttgtcctt ccccgacat ccctcctgaa cccctccaa cacacctgag gccctgcct 180
gccagccagc tccctggact cctgtcccat ggctcctgg ccggcctctc ctttgagtg 240
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caggggtggg gtggcctgca ggcagcgtg ctggcccttg aggtggggct ggtgggtctg 360
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ttttctcct ctttgatttt gttttctgt ccccttcca acctgtccc tccccccac 1440
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<210> 172

<211> 1613

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1932647

<400> 172

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gtggaagggtg tccgacctac cccggcaatg gaccctaag aacaccagct gcgacagcgg 180
cttgggggtgc caggacacgt tgatgctcat tgagagcgga cccaagtga gcctgggtgt 240
ctccaagggc tgcacggagg ccaaggacca ggagccccgc gtcactgagc accggatggg 300
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gtgcccagtc tgcttgctta tggaaaggctg tctggagggg acaacagaag agatctgccc 480
caaggggacc acacactgtt atgatggcct cctcaggctc aggggaggag gcatcttctc 540
caatctgaga gtccagggat gcatgcccc gccagggtgc aacctgctca atgggacaca 600
ggaaattggg cccgtgggta tgactgagaa ctgcaatagg aaagattttc tgacctgtca 660
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<210> 173

<211> 1622

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2124245

<400> 173

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gcgtacccg cctccggctg gctgacgacg ggcgcccccg agccgcgccc gctgtccgga 180
gccccacagg acggcatcag aattaatgta actacactga aagatgatgg ggacatatct 240
aacagcagg ttgttcttaa cataacctat gagagtggac aggtgtatgt aaatgactta 300
cctgtaaaata gtggtgtaac ccgaataagc tgtcagactt tgatagttaa gaatgaaaat 360
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gagtggccta tgacatctgg ttccagtttg caactaattg tcattcaaga agaggtagta 480
gagattgatg gaaaacaagt tcagcaaaag gatgtcactg aaattgatat tttagttaag 540
aaccggggag tactcagaca ttcaactat accctccctt tggaagaaag catgctctac 600
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tctattttctc gagacagtga cattttatatt acccttccta acctctccaa aaaagaaagt 660
gttagttcac tgcaaaccac tagccagtat cttatcagga atgtggaaac cactgtagat 720
gaagatgttt tacctggcaa gttacctgaa actcctctca gagcagagcc gccatcttca 780
tataaggtaa tgtgtcagtg gatggaaaag tttagaaaag atctgtgtag gttctggagc 840
aacgttttcc cagtattctt tcagtttttg aacatcatgg tggttggaat tacaggagca 900
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gcgagactct gtttcaaaaa aaaaaaagt gaccttattc tctaaaaggg ctggctattc 1560
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1622

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<210> 174

<211> 1320

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2132626

<400> 174

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ggcatgttgg agaggctgcc cctgtgtggg aaggctttcg cagacatgat gggcaagggtg 180
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tgcaccgaga tggaggccaa tgcgtgggc tgctactggc ccaacccctt ggcccagggc 300
ttcatcaccg gcatccacag gcagttcttc tccaactgca ccgtggacag ggtccacttg 360
gaggaccccc cagacgaggt tctcatcccg ctgacgttta taccgctcgt tctgactgtc 420
gccatggctg gcctggtggt gtggcgagc aaacgcaccg acacgctgct gtgagggtcc 480
cgggtgagatg gagtgggtca cacctggcaa gctggaagaa agttccctgg ggatgggaga 540
gcgggtgggt gctgccaatc tccagctact gtggccacac cccacctggt catgggcaga 600
cccctccctt cctgggtgta cctgctccct cgaggccagc ctgctccctg gctgaggctc 660
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<210> 175

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2280639

<400> 175

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cagcgagggt atggctggac cggcgaggga ggccggagcc cattgtcccg agagcctgtg 180
gcctctgcct ccgcaggtgt caccaagagt gacctacaca cgagtggacc cagggcagcc 240
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cctctgggcc tatgcttgta tggctaacc tccctcacc cctgacttca gcctcacgca 360
ggatcgcccc ctggtgctga ctgcatgggg gctggcgtg gagatggcct gggtagagcc 420
agcctgggct gccactggc tgatgaggag gcggaggagg aagcagagga agaagaaggc 480
atggatctac tgtgaaagcc ttccagggcc tgctccctcc gagccaaact ccggtagagg 540
gaggctgtgc cgaagagggt gtgtgcaggg cctggctctg gcctttgtc tgccgactgg 600
cggccccctg gcacagaggt gacatctcaa gggcccaggc agccctcttc tagtggtgcc 660
aagacgcgga tgctgcgggc tgcacttggg tcccagccca ctgcctcagc cctgaggttt 720
ccctctgctt ccccagttag cttgatggcc aagcattcca tggcgggcta tcttggtt 778
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<210> 176

<211> 1477

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2292356

<400> 176

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cggcttcaag caatttcgca gagcaagatt tgccggcgcc ggaaccata aaggtggtaa 1440
aaccctgggg ggtccccaag agggggaagc tcaaccc 1477
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<210> 177
<211> 682
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 2349310

<400> 177
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cgttgctctc tttccttcac caccacccag gagctcagag atctaagctg ctttccatct 180
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cttgggtaat aaagacaaac tt 682

<210> 178
<211> 1508
<212> DNA
<213> Homo sapiens

<220>
<221>
<222> 11, 139
<223> a or g or c or t, unknown, or other

<220>
<221> misc_feature
<223> Incyte Clone No: 2373227

<400> 178
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atacgcaaac cgcttctcnc cgcgcgttgg cggattcatt aatcagcttg cacgacaggt 180
ttcccgaactg gaaagcgggc agtgagcgca acgcaattaa tgtgagttag ctcactcccc 240
acccccttcc ccgcgggcct cggttcaaac gaccgggtgg gtctacagcg gaagggaggg 300
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aaaaaaaa 1508

<210> 179
<211> 558
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 2457682

<400> 179
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gcgagcggt cccagggcgga ccgtgagcgg gtgtaccgag actgcgtact gcagtgcgaa 120
gagcagaact gctctggggg cgctctgaat cacttccgct cccgccagcc aatctacatg 180
agtctagcag gctggacctg tggggacgac tgtaagtatg agtgtatgtg ggtcacctgt 240
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ctgccccgc cctgctgg 558

<210> 180
<211> 502
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 2480426

<400> 180
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ggtccggagt agcagcgcc ccgaaggagg ccctcgggga gccgggaggg gggactgcga 180
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acgagcaagg acattacgac gc 502

<210> 181
<211> 1659
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2503743

<400> 181

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ccagtctacc ctcaatttag ccaagccaga ctttggagcc gaagccaaat tagaagtatc 300
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<210> 182

<211> 2015

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2537684

<400> 182

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<210> 183

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2593853

<400> 183

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<210> 184

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2622354

<400> 184

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caaagcacag gatcataata aatttatg 748
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<210> 185

<211> 648

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2641377

<400> 185

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<210> 186

<211> 2110

<212> DNA

<213> Homo sapiens

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<222> 1932

<223> a or g or c or t, unknown, or other

<220>

<221> misc_feature

<223> Incyte Clone No: 2674857

<400> 186

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<210> 187

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<223> Incyte Clone No: 2758485

<400> 187

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acaaagtgt cttaatgcac agcttattaa aaagatcaaa attgttatcc taatagatat 720
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<210> 188

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2763296

<400> 188

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<210> 189

<211> 609

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2779436

<400> 189

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<210> 190

<211> 1088

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2808528

<400> 190

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<210> 191

<211> 1377

<212> DNA

<213> Homo sapiens

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<223> Incyte Clone No: 2809230

<400> 191

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<210> 192
<211> 985
<212> DNA
<213> Homo sapiens

<220>
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<210> 205

<211> 971

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1450703

<400> 205

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tgcccctgag atcaaccatg gtattggaca agcaggaaag gaagcagaga agcttggcca 420
tgggggtcaac aacgtgtctg gacaggccgg gaaggaagca gacaaagcgg tccaagggtt 480

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ccacactggg gtccaccagg ctgggaagga agcagagaaa cttggccaag gggtaacca 540
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<210> 206

<211> 1832

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1910668

<400> 206

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<210> 207

<211> 567

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1955143

<400> 207

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tgagttctgt tgccacaaaa gttatatagc acatttggtt tgcactgaat cagcgattct 180
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<210> 208

<211> 1303

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1961637

<400> 208

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<210> 209

<211> 1355

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1990762

<400> 209

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caggtcagtt tcctcatctg tgagatggat gtaataatag ggtgtgatga gatgatccct 240
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<210> 210

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1994131

<400> 210

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atggagtccc cctgattttg tgtgtgtgtg tctgtgttta agcacgcgtt cggttgggtat 720
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<210> 211

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1997745

<400> 211

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agttggagat gctgccgttg tggcagagcg tctgcagcc ccgcttccat cagcaggctc 720
tggggtgggg gctttgcagg ggatgctctc tgatgtttgt tccgttggtt aaataaaatg 780
cacttatttt tgtttttttt tttgcaaaaa aaaaaaa 817
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<210> 212

<211> 484

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2009035

<400> 212

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aaaa 484
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<210> 213

<211> 509

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2009152

<400> 213

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tatataaaaa gttttaataa atacctaata tattatttta tatgataaaa cttatattaa 180
atgaaatttt atgctgttct cttgtcaatc tgtcttttgt tatcttgctg gtgtgcctgt 240
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<210> 214

<211> 1130

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2061752

<400> 214

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<210> 215

<211> 1273

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2061933

<400> 215

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1273

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<211> 1279

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<223> Incyte Clone No: 2081422

<400> 216

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1279

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<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2101278

<400> 217

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cccatgagca ggaccgcctc catgattggg gagcatgcac ttgtgactgc agggtaagag 120
tggaagata ggtttgtgga gtggcaccga caggactgtg attgtgtgtg ggccgtgccc 180
acatttctct gggggatgct tatgtgagag tgggcccagt gaaagagtta ccaagccacc 240
cacacccta acactgttct ggatgagaga tgagagcaga ccggcttctc cccatcagt 300
cattgtgcct gttgtacacc cctggaggag ccctggagcc agcccagggtg ggggtacaca 360
tctttttaa ttccatatgg ttgtccagctt atttctttca cttgtttact gtaatatctg 420
gcgtgttttt atttatctaa tttgtattc agttataacc atggtagggg tagtgaatat 480
atgacagggtg taatccctgg tgctgcagtg gaccttcttt tcttttgga aagataatac 540
tgtgagtttc cctccttctt tccctctaatt ttgttttctt tttttcccca gcctcttgca 600
tccccttctt ttctaccctg tctacaact atcatatgca cagtcttctc tctttgtgtg 660
tgactgttac aaaatttcac ttttcaaat cgaaatcagg tgtttgtctc aatgagggga 720
gatttttttt tttttttttt ttttaaatgc tgagacttca gcagagtact ttccttttgg 780
tggtttcccc caaaaacca tcagtctggg agagcattgg gagtggaaat catgtgcct 840
gggtgctgg tttctttgaa aattatataa aacgtatgta aaagggtccc ccatttggg 899
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<210> 218

<211> 645

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2121353

<400> 218

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agggaaactga agctcagaga ggtgtcacca gcagggtgttc attcccatgc cagccttgcc 120
ccccggcttt tcccaggcag gctcctgcgt gccactggc tccagcctgg tccctctgtct 180
cttggtgtgt tcaactctgc tctttgtccc gactctggcc ctgcttacag gggccactac 240
ctgctgggtg ctccataaca agcgtctggc gttgagacct ctggcatggc aggggctttg 300
gggtctggtt tccacaaggc ttagccatgg cagaacctcg ttttatttta actccttgcc 360
cctacaaaca aacagcagta cttgccagaa ccattcttgg gattcaggag ctccggcgac 420
tgccttgccc tctggccgca cccaggaggg tggggttggg tctgtgtagt tgccaggccc 480
acacctgcca gcagggggct gactggatcc atgctttact gtgtttaatg ggggtaacag 540
gggtccctac agccctccca gctaaacatt tggaaacaaa caccagccct tttgtagtgg 600
atgcagaata aaattgttaa tccaatcacc tccaaaaaaa aaaaa 645
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<210> 219

<211> 703

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2241736

<400> 219

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agattaactt tctcttttgg agttctaaaa cattaactgg aaagattaga taatatacta 120
aatgtatata gaagtataca gactatacaa agactgaaac aagtcccttt tgcactacaa 180
```

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ctctataaca ttaccgcaga aatttttggtt ctatgtagca tggacctcct aaggaattct 240
gtttctttta gcattgagat ccctggtgct ctttttttac ctcagaattg gtacaatcat 300
tattaaacgt taatttatctt caaacttttt aattgaaaaa aggaaaggga aacttaattg 360
gggataaatt caggcatcat attattatga tagagtctcc tgagtgggtc gtctataggt 420
aatgaactca ttggtgttat ttcttgga ca tcttgccctt ttaatcaaag actgtgtgct 480
gctattttgct atgagcaagg tttctcaaaa gcaaaagggtg cttggaccat ttggatcacc 540
tgagtttagaa tctctaggtta tagggcccag gtatctgcat tttcacaggt ttctttaggt 600
tgactttctg caagctaaag tatgagaacc attggcttgg atgtagttct aaacttttag 660
gtctgtaaat cttgaaatct tgaactgaag gtcaactatt ggc 703

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<210> 220
 <211> 536
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2271935

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<400> 220
ctttcatcat aattaaagtg ctgtcagggg aaatggcatg gctgagtttt gctgctgttg 60
aaatgacctt cctcctccac tctctctcgc ttctctcatt tgctaaagtg gtcttttctc 120
tgcttgaaat caggcccttt ggtgatggaa attttagctt aaagcagagt tctaagcaga 180
atcctaaccg tgcgaggggtg gggagaaaaa caatgttttg agctggtgtc tgtttgagc 240
gaggtgctgg tgaggccatt ttcatcagga ggaacggtgg tgggtggtac ttctgggctt 300
tagatccacg caaggctctc taaatacaag tcactgtcat ggtacacaat ttagcaaaac 360
ttggaggctg attttccccc ttgacttagc tagggtcagg aggaagctgt ttagaagtac 420
agaggttctg catctgggag ggtaaaaatcc aaacgcctct catgctcaga gggaaagcat 480
gcctgcatgt ttactatcac tgctggccta cgtgcttgtg tgctgaattt agatgg 536

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<210> 221
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2295344

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<400> 221
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ttgacgtttt ctataatga gtttttcttt ataattttta atttatgctg taatgtttct 120
tatttacaat gttatctctt aaatctttga gtacattaca ttttctcccc tgataatctc 180
ttctaaatta ccttctctag ttggttttct tcccttccct aatggttagcc attcttcagg 240
tgaaggttaa tcttcaatgt actcttcatg tttaagggga ggggtctaaa ccttgtgggt 300
aggacttacc aacggagttt cattgcatga tgatcttatt gagcttattg gtagccctta 360
tctcagtatc tttagttttt cttgggctgg tcagattttc aagagaagac ttttcatttc 420
ctttgtggag ggaagaggcc ttttaccagc actcttcaag cttagtaggg gaaagacttc 480
aagcactcag gaagcatgca ttcactttat ttggaacaat acccttactt gtaactgtgc 540
ctcagggtgcc atagtcacac gagacttctt ttacctgtcc agagaataaa attagtgtgc 600
tgttggggta acaaaaagtg tggagctgaa gaggggtacct ataaatgaag ttgttttctg 660
gccgggcgca gtggctcacg cctgtaatcc cagcacttcg ggaggccaag gtggagggat 720
cacttgagtc caggagtttg agaccagcct gggcaacata ctgagactcc gtctctccaa 780
aaaaaaaaa 790

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<210> 222
 <211> 1045
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2303994

<400> 222
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 atgagaccct gtctcaaaaa aaaaaaaaaag ttttctagaa taagcaggat gattgtttta 120
 tttgaagatg gaacaggaaa ctagagtgc tttaaaatac tctgtcttca ttttaacatg 180
 ttgaatggaa taactgcata tcaccatgag tttgttttgc ttttcataca gacttgatg 240
 tgtcatttga gtggtttcca gattggagcg aggttattct gatctaaatg aacagcattt 300
 ttttccttag cctctgtttg ccactctggg tatctctcct atgggcaaag ccattagaaa 360
 tgcataaaac ctgcagacat ggttttttggc aaaaactcca tgactttaaa ctagctcttt 420
 tactactgac ctttcacaga gaaaaaatat ttcccttgaa aaaaactggg cttgtcattt 480
 tttcccttgg agcttttaagc agagacataa gtgccttgca ttacacatag taaactttct 540
 ttaaaaaaaa aaaaaaagat tttggagact accagggtaa gattccaact tgtccaaaag 600
 ctttctggcc ttacatattt tattataaaa attctcaagt ctggtaatct tctatgtcag 660
 agctagtgat ttcaaaaggt ttcacaattc cccaagacaa aagtattttt cgttcattat 720
 aataagggtta agtgatatgt gattcataac aattttgatg tgaagaaggg aaggacatca 780
 ttgacttaat aatagtatca gtccgtgcaa cagttggcaa catgtgcctt cacactttac 840
 cataaagaga cgggtttgag ggtttgcctt cttaaagtctg caacttcaag aaaaaaatc 900
 gacaccgtgg attgaccttc ccgggtccac taatataaag ccaataaagc ttaaaaacac 960
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<210> 223
 <211> 553
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2497805

<400> 223
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 ttcctgtgga ctttgtccca caccacctgc ctgggttcct tccttttagtc acttccagct 120
 ccaggcacag cagttggtga ctcccttgggt ggagccgtgt cccaccgggt cctgatactg 180
 ccgtcttctc tttcacagtc ctccaggctt gggccagcct tgggggcagc agagcttctg 240
 ggggtgagtgt cgagatcctg tgcctgaga gcggtagtca gggagagggc tggtcggggc 300
 agggctgccc gggcaggaca caggatgcgg ccggccaggc tggggccaag gtgttcagac 360
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 tcatttggtt ttgctttttt tgtttgtttg ttttcacctt atttttgcca gacttaagct 480
 agttttgctg ccttttgaaa ctagtggaag aatcatttta ttcctgggga taatttgggg 540
 gcttttgaat cca 553

<210> 224
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2646362

<400> 224

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gcagccacca acactgcccc ggactgcggg ttgctggctt gtacaccgca gctgccaccg 120
agacaccagc ctctgatggc tcaggaggac ttgtggggag aggctggggg caccatgtg 180
gtgggctctg tgcagcatgt tgccctctgct tggctgtgcc tgcagctcag ggtgctgggg 240
ctcgggaccc acccccctgc ttgcggaacc aacttttctc tgtgtgtcca gcaggcccca 300
caacccccctc tcttttcttt cagttctccc atgcagccga ggcccggggc cctcaggact 360
ccaaggagac ggtgcagggc tgccctgccc tctaggtccc ctctcctgca tctgtctccc 420
ttcattgctg tgtgaccttg gggaaaggca gtgccctctc tgggcagtca gatccacca 480
gtgcttaata gcagggaaga aggtacttca aagactctgc cctgaggtc aagagaggat 540
ggggctattc acttttatat atttatataa aattagtagt gagatgtaac aaaagcttta 600
ttggtgtgtt tgagctggtg ggtgccacat atttggggat ttgaagaagg aggtgagatg 660
tctggatggg gactgggatg ggtagaggat tcagtgatac tccgag 706
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<210> 225

<211> 509

<212> DNA

<213> Homo sapiens

<220>

<221>

<222> 492

<223> a or g or c or t, unknown, or other

<220>

<221> misc_feature

<223> Incyte Clone No: 2657146

<400> 225

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acaattcatg ttgttttgta atggttgatc aaagcaaaga aagacatgtg ttactacgca 120
tgatctgtca atgtttaagg ctgttggttg tcttctgtgac ttgtctaata tgtttttctc 180
ctgacagggtt aacctgccct cttaactcag cagtgggtct agcgtcctat gccgtacaat 240
gtaagtcaca aaggggagcat ttcacggatg gacagggtgt tctgatcagt gtgtggagaa 300
agtactggtt tctcctgct tgaccaagtc cctcttcccc aggaatcctg ctgggcagca 360
tatctctggc tgccagata tgtgtttcta ctgactgag cactctcctg tagcatgggg 420
atgttagatt aaggaagggt gttaaagggt aaagaatgaa tgaactgtgg tgtgaaattt 480
cttccaagga gnccatccga cagcagaca 509
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<210> 226

<211> 2153

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2755786

<400> 226

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ccatggggccc gcttgaggca cactgagggg acgcggggct gggccatggc cggcgctcgg 120
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gccgcgcgcg ccgctgcctc ggcgggggtcc tcggcctctt caggcaacca gccgcctcag 180
gagctggggc ttggggagct gctggaggag ttctcccgga ctcagtaccg ggccaaggat 240
ggcagcgggg ccggcgggtc taagggttag cgcattgaga agagatgtct ggagctgttt 300
ggccgagact actgtttcag cgtgattcca aacacgaatg ggatatcttg tggccactat 360
ccccggcaca tcgtgttcct ggagtatgag agttctgaga aggagaaaga cacgtttgag 420
agtaccgtac aggtgagcaa gttgcaagac ctcatccacc gcagcaagat ggcccgggtgc 480
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acactggctg gatggggaga gctgtatgga cgctcaggct acaactatth tttctcaggg 600
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ggggtacttc caggtcaggg gaaatttcag tccccatct ccatcatgaa catggcagcc 1860
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ctcagaactg tgtgggggtt ccctggggcc ttgtggaagc catgacttca caaagacct 2040
acctgtcagt tcttggtttc ggggaggagg gatcacctgc actgagaatg aggcagtttg 2100
acacagatca caaaataaaa tcaaagtctt tttgaatagc caaaaaaaaa aaa 2153

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<210> 227

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2831245

<400> 227

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taagtgc aaa ttattattat ttttttttaa agaaaacact cttgttacaa tttggacaga 120
gagaatggta tggagatgaa aggttctcgt gtatggcttt tgctcctatt tatgtggaaa 180
gcacgccta cattctttca aagctgtgtt gtcccttcta ttctcagtc ccagaattgt 240
gtgcaaacac actctcttg cccaggggtt tggtcgggtg tggttcttc tgggaagtct 300
cactagcact cttgagttag ctggcaggag atcccttaaa accatttcca agcagttttt 360
ctcacttccc tatagggggt aatcctgtac ttccacttc agttccagct gctgttgctt 420
gggaagaaac aaatttctgc tgtgttctca atctccagac ggtccatgaa aatttaattg 480
ataagaacaa agaggctggg cgcagtggct aacgcctgta atacctgcac tttgggaggg 540
tgagggtggg ggatcacctg aggtcagaag ttgcagaaca gcctagccaa catggcgaaa 600
ccctgtctct actaaaaata ccaatttgc tgaacgtgat ggtggggggt gttaacccca 660

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gtacttggga ggctgaggca ggaaatcgct gaactcggga agcaaagggt gcattaaggg 720
tacgagctcg aattcgggtat catgttaaaa cgtttccgg gttaaattgg tatccgccca 780
caattccac a 791

<210> 228
<211> 870
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 3116250

<400> 228
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agtatcctga cctgagtcac cccagggat caggagcctc cagcaggga ccttccatta 120
tattcttcaa gcaacttaca gctgcaccga cagttgcat gaaagttcta atctcttccc 180
tcctcctggt gctgccacta atgctgatgt ccatggtctc tagcagcctg aatccagggg 240
tcgccagagg ccacagggac cgaggccagg cttctaggag atggctccag gaaggcgcc 300
aagaatgtga gtgcaaagat tggttcctga gagccccgag aagaaaattc atgacagtgt 360
ctgggctgcc aaagaagcag tgccctgtg atcatttcaa gggcaatgtg aagaaaacaa 420
gacaccaaaag gcaccacaga aagccaaaca agcattccag agcctgccag caatttctca 480
aacaatgtca gctaagaagc tttgctctgc cttttagga gctctgagcg cccactcttc 540
caattaaaca ttctcagcca agaagacagt gagcacacct accagacact cttcttctcc 600
cacctcactc tcccactgta cccaccctta aatcattcca gtgctctcaa aaagcatgtt 660
tttcaagatc attttgtttg ttgctctctc tagtgtcttc ttctctctgc agtcttagcc 720
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<210> 229
<211> 764
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 3129630

<400> 229
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gcggcaggag ccgcccga cactgaagg aaaattgggc cgatttccac ctatgatgca 180
tcatcaccag gcacctcag atggccagac tcctggggct cgtttccaga ggtctcacct 240
tgccgaggca tttgcaaagg ccaaaggatc aggtggagggt gctggaggag gaggtagtgg 300
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gtacattcta ttttaaggtaa gtagaatcat cctaatacata ttacatcaat gaaaatctaa 420
tatggcgata aaaatcattg tctacattaa aacttcttat agttcataaa attatttcaa 480
atccatcatc tctttaaatc ctgcctctc ttcattgagg acttaggata gccatgattt 540
cagtttcaca taagaatgtt tactcaatgt ttaagtgtgt tgccccaaaa tcccaacta 600
acaaggcaga actaggggac ttgacctgg gaccttttg ggtcctaaac tccaggttaag 660
tataaacaat ttcaattggc ctttccctt gccaaagaaa aaaaaataa aggggcgggg 720
gggttccccg acccccggaa tttccggaaa cccttggtta aacc 764

<210> 230
<211> 540
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 007632

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ctcatgaaga cgcgcgctta actccggagg agctagaaag agcttccctt ctacagatac 180
tgccagagat gctgggtgca gaaagagggg atattctcag gaaagcagac tcaagtacca 240
acatttttaa cccaagagga aatttgagaa agtttcagga tttctctgga caagatccta 300
acattttact gagtcatctt ttggccagaa tctggaaacc atacaagaaa cgtgagactc 360
ctgattgett ctggaaatac tgtgtctgaa gtgaaataag catctgttag tcagctcaga 420
aacacccatc ttagaatatg aaaaataaca caatgcttga tttgaaaaca gtgtggagaa 480
aaactaggca aactacacc tgttcattgt tacctggaaa ataaatcttc tatgttttgc 540

<210> 231
<211> 857
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 1236968

<400> 231
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cctgggtagt ttgcacggtt tggctggaaa ccacagtcct cccatctctg ccagaacccc 180
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<400> 232

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<210> 233

<211> 1981

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1396975

<400> 233

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<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1501749

<400> 234

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aagcattttg ttaaaaaaaa aaaa 744

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<210> 235

<211> 979

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1575240

<400> 235

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 <213> Homo sapiens

<220>
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 <223> Incyte Clone No: 1647884

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 <213> Homo sapiens

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<210> 238

<211> 1129

<212> DNA

<213> Homo sapiens

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<400> 238

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<210> 239

<211> 2370

<212> DNA

<213> Homo sapiens

<220>

<221>

<222> 122, 124

<223> a or g or c or t, unknown, or other

<220>

<221> misc_feature

<223> Incyte Clone No: 1731419

<400> 239

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<210> 240

<211> 981

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2650265

<400> 240

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<210> 241

<211> 1204

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2677129

<400> 241

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<211> 784

<212> DNA

<213> Homo sapiens

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<223> Incyte Clone No: 3151073

<400> 242

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agagaatata gacagcttaa gattttctaa actacaagtc ccacccaaaa tacggatttt 420

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tcatgatttc ccaaaggttg accatcagca agactggata tttttcagac ttaagatgac 480
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gcagttactg gatgttgaat ttgaaacctt ttcatttctt tttttaaaac aagcttggtc 600
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taattcattc ctctgaagag agatctcttc cagacatttt aagccagggc aagaaatgtt 720
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784

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<210> 243

<211> 426

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 3170095

<400> 243

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atgtgtgagt aacacccag gatactgcag gacatgttg cactgggggg agacagcatt 180
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caagaagcaa caaacgaccg taacatcata ataaccactg ctatcgctc caccaactca 360
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ctcttt
426

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<210> 244

<211> 1732

<212> DNA

<213> Homo sapiens

<220>

<221>

<222> 1651, 1655

<223> a or g or c or t, unknown, or other

<220>

<221> misc_feature

<223> Incyte Clone No: 3475168

<400> 244

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<210> 245

<211> 918

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 3836893

<400> 245

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gacagataatc atcaggggtc cgtgtgtcaa cattgtcatt ctctggctg gtggattcct 720
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<210> 246

<211> 676

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 4072159

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tgaagagttg ttggagcagc agctggagct gtaccaggcc ctccctgaag ggcaggagg 300
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676

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<210> 247

<211> 2255

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1003916

<400> 247

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gaaagaggag ggccggggcag cggaggggag gaggcggtgc gtgcctcgcc tgccaaagg 120
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gccaactat cagtattttg tatacctgc ataaactcta attagttcc tcaacatatt 1920
ttcagtgttt atgcagacct ttagagttaa gcctttgtat ttccatgtta ttccacaata 1980
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ctgtccacta taggagagaa ttcagccgaa gatatgagag taatgagaga cattttccag 2100
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tattcatttt gtaaaaaatt taaaagtgtc attttgtttg tatttgaaaa tctctgtgaa 2220
taaattctct ctttgatcaa tagcaaaaaa aaaaa 2255

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<210> 248

<211> 1223

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2093492

<400> 248

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cactgatgca gctctctatg gattgccctt gtgacctggc agatgggctg aagggtgtcc 240
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<210> 249

<211> 1188

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2108789

<400> 249

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agactcgagg acaccctggc cctgctgagg catacagagc ttcagcccag cacagaagca 480

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agacaaaatc agtggctctt agagttaga aaacaagaca gactctcaga tgaaagatct 540
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tgccagggtg ggtcctggga cctctaagt gggcatgtcg tccaccccag gacgagccat 660
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<210> 250

<211> 1792

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<223> Incyte Clone No: 2171401

<400> 250

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<210> 251

<211> 2005
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 2212530

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<211> 471
<212> DNA
<213> Homo sapiens

<220>
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<223> Incyte Clone No: 2253036

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<210> 253

<211> 3775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2280161

<400> 253

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<211> 1856

<212> DNA

<213> Homo sapiens

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<223> Incyte Clone No: 2287485

<400> 254

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<211> 1545

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte Clone No: 2380344

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<211> 1671

<212> DNA

<213> Homo sapiens

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<400> 256

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<211> 792

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte Clone No: 2396046

<400> 257

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792

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<210> 259

<211> 2445

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2484813

<400> 259

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2445

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<211> 672

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<213> Homo sapiens

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<221> misc_feature

<223> Incyte Clone No: 2493851

<400> 260

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<210> 261

<211> 1183

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2495719

<400> 261

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<210> 262

<211> 1266

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2614153

<400> 262

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1266

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<211> 1093

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2655184

<400> 263

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<210> 264

<211> 1056

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2848362

<400> 264

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<210> 265

<211> 1183

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2849906

<400> 265

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<210> 266

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2899137

<400> 266

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<211> 606

<212> DNA

<213> Homo sapiens

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<223> Incyte Clone No: 2986229

<400> 267

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<210> 268

<211> 1025

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

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